# CHAPTER 7050
# MINNESOTA POLLUTION CONTROL AGENCY
# WATER QUALITY DIVISION
# WATERS OF THE STATE



**7050.0100** [Repealed, 9 SR 913]

## STANDARDS FOR THE PROTECTION OF THE QUALITY AND PURITY OF THE WATERS OF THE STATE

### 7050.0110 SCOPE.

Parts 7050.0130 to 7050.0220 apply to all waters of the state and include general provisions applicable to the maintenance of water quality; definitions of water use classes; standards for dischargers of sewage, industrial, and other wastes; and standards of quality and purity for specific water use classes. Other water quality rules of general or specific application that include any more stringent water quality or effluent standards or prohibitions are preserved.

**Statutory Authority:** *MS s 115.03; 115.44*

**History:** *9 SR 913*

**7050.0120** [Repealed, 9 SR 913]

### 7050.0130 DEFINITIONS.

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

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

**Statutory Authority:** *MS s 115.03; 115.44*

**History:** *9 SR 913*

**7050.0140 USES OF WATERS OF THE STATE.**

The classifications are listed separately in accordance with the need for water quality protection, considerations of best use in the interest of the public, and other considerations, as indicated in Minnesota Statutes, section 115.44. The classifications should not be construed to be an order of priority, nor considered to be exclusive or prohibitory of other beneficial uses.

**Statutory Authority:** *MS s 115.03; 115.44*

**History:** *9 SR 913*

**7050.0150 DETERMINATION OF COMPLIANCE.**

In making tests or analyses of the waters of the state, sewage, industrial wastes, or other wastes to determine compliance with the standards, samples shall be collected in such manner and place, and of such type, number, and frequency as may be considered necessary by the agency from the viewpoint of adequately reflecting the condition of the waters, the composition of the effluents, and the effects of the pollutants upon the specified uses. Reasonable allowance will be made for dilution of the effluents, which are in compliance with part 7050.0210, subpart 6, following discharge into waters of the state. The agency by allowing dilution may consider the effect on all uses of the waters of the state into which the effluents are discharged. The extent of dilution allowed regarding any specific discharge shall not violate the applicable water quality standards. The samples shall be preserved and analyzed in accordance with procedures given in the 1971 edition of Standard Methods for the Examination of Water and Waste-Water, by the American Public Health Association, American Water Works Association, and the Water Pollution Control Federation, and any revisions or amendments thereto. The agency may accept or may develop other methods, procedures, guidelines, or criteria for measuring, analyzing, and collecting samples.

**Statutory Authority:** *MS s 115.03; 115.44*

**History:** *9 SR 913*

**7050.0160** [Repealed, 9 SR 913]

**7050.0170 NATURAL WATER QUALITY.**

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

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

waters.

**Statutory Authority:** *MS s 115.03; 115.44*

**History:** *9 SR 913*

**7050.0180 NONDEGRADATION POLICY.**

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

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

A. "Outstanding resource value waters" are waters within the Boundary Waters Canoe Area Wilderness, Voyageur's National Park, and Department of Natural Resources designated scientific and natural areas, wild, scenic, and recreational river segments, Lake Superior, those portions of the Mississippi River from Lake Itasca to the southerly boundary of Morrison County that are included in the Mississippi Headwaters Board comprehensive plan dated February 12, 1981, and other waters of the state with high water quality, wilderness characteristics, unique scientific or ecological significance, exceptional recreational value, or other special qualities which warrant stringent protection from pollution.

B. "New discharge" means a discharge that was not in existence on the effective date of these amendments to chapter 7050.

C. "Expanded discharge" means a discharge that changes in volume, quality, location, or any other manner after the effective date of these amendments such that an increased loading of one or more pollutants results. In determining whether an increased loading of one or more pollutants would result from the proposed change in the discharge, the agency shall compare the loading that would result from the proposed discharge with the loading allowed by the agency at the time these parts take effect.

Subp. 3. **Prohibited discharges.** No person may cause or allow a new or expanded discharge of any sewage, industrial waste, or other waste to waters within the Boundary Waters Canoe Area Wilderness, Voyageur's National Park, or Department of Natural Resources designated scientific and natural areas, or to federal or state wild river segments.

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

A. Boot Lake, Anoka County;

B. Kettle River in sections 15, 22, 23, T 41 N, R 20, Pine County;

C. Pennington Bog, Beltrami County;

D. Purvis Lake-Ober Foundation, Saint Louis County;

E. Waters within the borders of Itasca Wilderness Sanctuary, Clearwater County;

F. Iron Spring Bog, Clearwater County;

G. Wolsfeld Woods, Hennepin County;

H. Green Water Lake, Becker County.

Subp. 5. **State designated wild river segments.** State designated wild river segments include but are not limited to:

A. Kettle River from dam at Sandstone to its confluence with the Saint Croix River;

B. Rum River from Ogechie Lake spillway to the northernmost confluence with Lake Onamia.

Subp. 6. **Restricted discharges.** No person may cause or allow a new or expanded discharge of any sewage, industrial waste, or other waste to Lake Superior, those portions of the Mississippi River from Lake Itasca to the southerly boundary of Morrison County that are included in the Mississippi Headwaters Board comprehensive plan dated February 12, 1981, and federal or state designated scenic or recreational river segments unless there is no prudent and feasible alternative to the discharge. If a new or expanded discharge to these waters is permitted, the agency shall restrict the discharge to the extent necessary to preserve the existing high quality, or to preserve the wilderness, scientific, recreational, or other special characteristics that make the water an outstanding resource value water. Waters with a federal or state scenic or recreational designation include but are not limited to:

A. Saint Croix River, entire length;

B. Cannon River from northern city limits of Faribault to its confluence with the Mississippi River;

C. North Fork of the Crow River from Lake Koronis outlet to the Meeker-Wright county line;

D. Kettle River from north Pine County line to dam at Sandstone;

E. Minnesota River from Lac qui Parle dam to Redwood County state aid highway 11;

F. Mississippi River from county state aid highway 7 bridge in Saint Cloud to northwestern city limits of Anoka;

G. Rum River from state highway 27 bridge in Onamia to Madison and Rice Streets in Anoka.

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

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

Subp. 9. **Impact from upstream discharges.** The agency shall require new or expanded discharges to waters that flow into outstanding resource value waters be controlled so as to assure no deterioration in the quality of the downstream outstanding resource value water.

Subp. 10. **Thermal discharges.** If a thermal discharge causes potential water quality impairment, the agency shall implement the nondegradation policy consistent with section 316 of the Clean Water Act.

**Statutory Authority:** *MS s 115.03; 115.44*

**History:** *9 SR 913*

**7050.0190 VARIANCE FROM STANDARDS.**

In any case where, upon application of the responsible person or persons, the agency finds that by reason of exceptional circumstances the strict enforcement of any provision of these standards would cause undue hardship, that disposal of the sewage, industrial waste, or other waste is necessary for the public health, safety, or welfare; and that strict conformity with the standards would be unreasonable, impractical, or not feasible under the circumstances; the agency in its discretion may grant a variance therefrom upon such conditions as it may prescribe for prevention, control, or abatement of pollution in harmony

with the general purposes of these classifications and standards and the intent of the applicable state and federal laws. The United States Environmental Protection Agency will be advised of any permits which may be issued under this clause together with information as to the need therefor.

**Statutory Authority:** *MS s 115.03; 115.44*

**History:** *9 SR 913*

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

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

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

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

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

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

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

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

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

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

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

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

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

**Statutory Authority:** *MS s 115.03; 115.44*

**History:** *9 SR 913*

**7050.0210 STANDARDS FOR DISCHARGERS TO WATERS OF THE STATE.**

Subpart 1. **Untreated sewage.** No untreated sewage shall be discharged into any waters of the state. Effective disinfection of any discharges, including combined flows of sewage and storm water, will be required where necessary to protect the specified uses of the waters of the state.

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

Subp. 3. **Inadequate treatment.** Existing discharges of inadequately treated sewage, industrial waste, or other wastes shall be abated, treated, or controlled so as to comply with the applicable standards. Separation of sanitary sewage from natural runoff may be required where necessary to ensure continuous effective treatment of sewage.

Subp. 4. **Highest levels of water quality.** The highest levels of water quality, including, but not limited to, dissolved oxygen, which are attainable in the waters of the state by continuous operation at their maximum capability of all primary and secondary units of treatment works or their equivalent discharging effluents into the waters of the state shall be maintained in order to enhance conditions for the specified uses.

Subp. 5. **Mixing zones.** Means for expediting mixing and dispersion of sewage, industrial waste, or other waste effluents in the receiving waters are to be provided so far as practicable when deemed necessary by the agency to maintain the quality of the receiving waters in accordance with applicable standards. Mixing zones must be established by the agency on an individual basis, with primary consideration being given to the following guidelines:

A. mixing zones in rivers shall permit an acceptable passageway for the movement of fish;

B. the total mixing zone or zones at any transect of the stream should contain no more than 25 percent of the cross sectional area and/or volume of flow of the stream, and should not extend over more than 50 percent of the width;

C. mixing zone characteristics shall not be lethal to aquatic organisms;

D. for contaminants other than heat, the 96-hour median tolerance limit for indigenous fish and fish food organisms should not be exceeded at any point in the mixing zone;

E. mixing zones should be as small as possible, and not intersect spawning or nursery areas, migratory routes, water intakes, nor mouths of rivers; and

F. overlapping of mixing zones should be minimized and measures taken to prevent adverse synergistic effects.

This subpart applies in cases where a Class 7 water is tributary to a Class 2 water.

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

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

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

**Where the discharge of effluent is directly to or affects a lake or reservoir, removal of nutrients from all wastes shall be provided to the fullest practicable extent wherever sources of nutrients are considered to be actually or potentially detrimental to preservation or enhancement of the designated water uses.

***Disinfection of wastewater effluents to reduce the levels of fecal coliform organisms to the stated value is required from March 1 through October 31 (Class 2 waters) and May 1 through October 31 (Class 7 waters) except that where the effluent is discharged 25 miles or less upstream of a water intake supplying a potable water system, the reduction to the stated value is required year around. The stated value is not to be exceeded in any calendar month as determined by the logarithmic mean of a minimum of five samples, nor shall more than ten percent of all samples taken during any calendar month individually exceed 400 organisms per 100 milliliters. The application of the fecal coliform group organism standards shall be limited to sewage or other effluents containing admixtures of sewage and shall not apply to industrial wastes except where the presence of sewage, fecal coliform organisms, or viable pathogenic organisms in such wastes is known or reasonably certain. Analysis of samples for fecal coliform group organisms by either the multiple tube fermentation or the membrane filter techniques is acceptable.

Subp. 6a. **Other requirements preserved.** The requirements of this chapter and specifically the requirement of secondary treatment as stated above are in addition to any requirement imposed on a discharge by the Clean Water Act,

United States Code, title 33, sections 1251 et seq., and its implementing regulations. In the case of a conflict between the requirements of parts 7050.0100 to 7050.0220 and the requirements of the Clean Water Act or its implementing regulations, the more stringent requirement controls.

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

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

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

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

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

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

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

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

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

Subp. 11. **Discharge permit required.** All sources of sewage, industrial waste, or other waste which do not at present have a valid operation and discharge permit, or an application for the same pending before the agency, shall apply for the same within 30 days of the adoption of this rule, or the agency may abate the source forthwith. The provisions of subpart 6 relating to effluent quality standards, and the other provisions of this rule, are applicable to existing sewage, industrial waste, or other waste disposal facilities and the effluent discharged therefrom. Nothing herein shall be construed to prevent the agency subsequently from modifying any existing permits so as to conform with federal requirements and the requirements of this chapter.

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

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

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

Subp. 14. **Undefined toxic substances.** Questions concerning the permissible levels, or changes in the same, of a substance, or combination of substances, of undefined toxicity to fish or other biota shall be resolved in accordance with the latest methods recommended by the United States Environmental Protection Agency. The agency shall consider the recommendations of the Quality Criteria for Water, US EPA 1976, in making determinations under this part. Toxic substances shall not exceed one-tenth of the 96-hour median tolerance limit (TLM) as a water quality standard except that other application factors shall be used when justified on the basis of available scientific evidence.

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

Subp. 16. **Limited resource value waters.** Restrictions on discharges to limited resource value waters include the following:

A. For point source discharges to surface waters classified as limited resource value waters pursuant to parts 7050.0200, number 7 and 7050.0400 to 7050.0480, the agency shall require treatment facilities which will provide effluents conforming to the following limitations:*

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

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

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

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

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

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

Subp. 18. **Water quality standard based ammonia effluent limitations.** For the purpose of establishing limitations to meet the ammonia water quality standard, a statistic which estimates the central value (such as the mean or median) for ambient pH and temperature of the receiving water for the critical months shall be used.

**Statutory Authority:** *MS s 115.03; 115.44*

**History:** *9 SR 913*

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

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

1. Domestic consumption.

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

| Substance or Characteristic | Limit or Range |
|---|---|
| Total coliform organisms | 1 most probable number per 100 milliliters |
| Turbidity value | 5 |
| Color value | 15 |
| Threshold odor number | 3 |
| Methylene blue active substance (MBAS) | 0.5 milligram per liter |
| Arsenic (As) | 0.01 milligram per liter |
| Chlorides (Cl) | 250 milligrams per liter |
| Copper (Cu) | 1 milligram per liter |
| Carbon chloroform extract | 0.2 milligram per liter |
| Cyanides (CN) | 0.01 milligram per liter |
| Fluorides (F) | 1.5 milligrams per liter |
| Iron (Fe) | 0.3 milligram per liter |
| Manganese (Mn) | 0.05 milligram per liter |
| Nitrates ($NO_3$) | 45 milligrams per liter |
| Phenol | 0.001 milligram per liter |
| Sulfates ($SO_4$) | 250 milligrams per liter |
| Total dissolved solids | 500 milligrams per liter |
| Zinc (Zn) | 5 milligrams per liter |
| Barium (Ba) | 1 milligram per liter |
| Cadmium (Cd) | 0.01 milligram per liter |
| Chromium (Hexavalent, Cr) | 0.05 milligram per liter |
| Lead (Pb) | 0.05 milligram per liter |
| Selenium (Se) | 0.01 milligram per liter |
| Silver (Ag) | 0.05 milligram per liter |
| Radioactive material | Not to exceed the lowest concentrations permitted to be discharged to an uncontrolled environment as prescribed by the appropriate authority having control over their use. |

Class B. The quality of this class of the waters of the state shall be such that with approved disinfection, such as simple chlorination or its equivalent, the treated water will meet in all respects both the mandatory and recommended requirements of the Public Health Service Drinking Water Standards-1962 for

drinking water as specified in Publication No. 956 published by the Public Health Service of the United States Department of Health, Education and Welfare, and any revisions, amendments, or supplements thereto. This standard will ordinarily be restricted to surface and underground waters with a moderately high degree of natural protection. The physical and chemical standards quoted above for Class A waters shall also apply to these waters in the untreated state.

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

| Substance or Characteristic | Limit or Range |
|---|---|
| Turbidity value | 25 |

Class D. The quality of this class of the waters of the state shall be such that after treatment consisting of coagulation, sedimentation, filtration, storage, and chlorination, plus additional pre, post, or intermediate stages of treatment, or other equivalent treatment processes, the treated water will meet in all respects the recommended requirements of the Public Health Service Drinking Water Standards-1962 for drinking water as specified in Publication No. 956 published by the Public Health Service of the United States Department of Health, Education and Welfare, and any revisions, amendments, or supplements thereto. This standard will ordinarily be restricted to surface waters, and groundwaters in aquifers not considered to afford adequate protection against contamination from surface or other sources of pollution. Such aquifers normally would include fractured and channeled limestone, unprotected impervious hard rock where water is obtained from mechanical fractures, joints, etc., with surface connections, and coarse gravels subjected to surface water infiltration. The concentrations or ranges given below shall not be exceeded in the raw waters before treatment:

| Substance or Characteristic | Limit or Range |
|---|---|
| Arsenic (As) | 0.05 milligram per liter |
| Barium (Ba) | 1 milligram per liter |
| Cadmium (Cd) | 0.01 milligram per liter |
| Chromium (Hexavalent, Cr) | 0.05 milligram per liter |
| Cyanide (CN) | 0.2 milligram per liter |
| Fluoride (F) | 1.5 milligrams per liter |
| Lead (Pb) | 0.05 milligram per liter |
| Selenium (Se) | 0.01 milligram per liter |
| Silver (Ag) | 0.05 milligram per liter |
| Radioactive material | Not to exceed the lowest concentrations permitted to be discharged to an uncontrolled |

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|---|---|
| | environment as prescribed by the appropriate authority having control over their use. |

In addition to the above listed standards, no sewage, industrial waste, or other wastes, treated or untreated, shall be discharged into or permitted by any person to gain access to any waters of the state classified for domestic consumption so as to cause any material undesirable increase in the taste, hardness, temperature, toxicity, corrosiveness, or nutrient content, or in any other manner to impair the natural quality or value of the waters for use as a source of drinking water.

2. Fisheries and recreation.

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

| Substance or Characteristic | Limit or Range |
|---|---|
| Dissolved oxygen | Not less than 7 milligrams per liter at all times (instantaneous minimum concentration)*** |
| Temperature | No material increase |
| Ammonia (N)* | 0.016 milligram per liter (un-ionized as N) |
| Chlorides (Cl) | 50 milligrams per liter |
| Chromium (Cr) | 0.02 milligram per liter |
| Copper (Cu) | 0.01 milligram per liter or not greater than 1/10 the 96 hour TLM value |
| Cyanides (CN) | 0.02 milligram per liter |
| Oil | 0.5 milligram per liter |
| pH value | 6.5 - 8.5 |
| Phenols | 0.01 milligram per liter and none that could impart odor or taste to fish flesh or other freshwater edible products such as crayfish, clams, prawns and like creatures. Where it seems probable that a discharge may result in tainting of edible aquatic products, bioassays and taste panels will be required to determine whether tainting is likely or present. |
| Turbidity value | 10 |
| Color value | 30 |
| Fecal coliform organisms | 200 organisms per 100 milliliters as a logarithmic mean measured in not less than five samples in any calendar month, nor shall more than 10% of all samples taken during any |

| | |
|---|---|
| | calendar month individually exceed 400 organisms per 100 milliliters. (Applies only between March 1 and October 31.) |
| Radioactive materials | Not to exceed the lowest concentrations permitted to be discharged to an uncontrolled environment as prescribed by the appropriate authority having control over their use. |
| Total residual chlorine** | 0.005 milligram per liter |

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

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

where:

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

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

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

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

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

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

| Substance or Characteristic | Limit or Range |
|---|---|
| Dissolved oxygen* | Not less than 5 milligrams per liter at all times (instantaneous minimum concentration)**** |
| Temperature | 5°F above natural in streams and 3°F above natural in lakes, based on monthly average of the maximum daily |

| | |
|---|---|
| | temperature, except in no case shall it exceed the daily average temperature of 86°F. |
| Ammonia (N)** | 0.04 milligram per liter (un-ionized as N) |
| Chromium (Cr) | 0.05 milligram per liter |
| Copper (Cu) | 0.01 milligram per liter or not greater than 1/10 the 96 hour TLM value. |
| Cyanides (CN) | 0.02 milligram per liter |
| Oil | 0.5 milligram per liter |
| pH value | 6.5 - 9.0 |
| Phenols | 0.01 milligram per liter and none that could impart odor or taste to fish flesh or other freshwater edible products such as crayfish, clams, prawns and like creatures. Where it seems probable that a discharge may result in tainting of edible aquatic products, bioassays and taste panels will be required to determine whether tainting is likely or present. |
| Turbidity value | 25 |
| Fecal coliform organisms | 200 organisms per 100 milliliters as a logarithmic mean measured in not less than five samples in any calendar month, nor shall more than 10% of all samples taken during any calendar month individually exceed 2000 organisms per 100 milliliters. (Applies only between March 1 and October 31.) |
| Radioactive materials | Not to exceed the lowest concentration permitted to be discharged to an uncontrolled environment as prescribed by the appropriate authority having control over their use. |
| Total Residual Chlorine*** | 0.005 milligram per liter |

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

**See ammonia footnote for Class 2A waters.

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

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

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

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

| | |
|---|---|
| | to determine whether tainting is likely or present. |
| Turbidity value | 25 |
| Fecal coliform organisms | 200 organisms per 100 milliliters as a logarithmic mean measured in not less than five samples in any calender month, nor shall more than 10% of all samples taken during any calendar month individually exceed 2000 organisms per 100 milliliters. (Applies only between March 1 and October 31.) |
| Radioactive materials | Not to exceed the lowest concentrations permitted to be discharged to an uncontrolled environment as prescribed by the appropriate authority having control over their use. |
| Total residual chlorine*** | 0.005 milligram per liter |

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

**See ammonia footnote for Class 2A waters.

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

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

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

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

3. Industrial consumption.

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

| Substance or Characteristic | Limit or Range |
|---|---|
| Chlorides (Cl) | 50 milligrams per liter |
| Hardness | 50 milligrams per liter |
| pH value | 6.5 - 8.5 |

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

| Substance or Characteristic | Limit or Range |
|---|---|
| Chlorides (Cl) | 100 milligrams per liter |
| Hardness | 250 milligrams per liter |
| pH value | 6.0 - 9.0 |

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

| Substance or Characteristic | Limit or Range |
|---|---|
| Chlorides (Cl) | 250 milligrams per liter |
| Hardness | 500 milligrams per liter |
| pH value | 6.0 - 9.0 |

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

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

4. Agriculture and wildlife.

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

| Substance or Characteristic | Limit or Range |
|---|---|
| Bicarbonates ($HCO_3$) | 5 milliequivalents per liter |
| Boron (B) | 0.5 milligram per liter |
| pH value | 6.0 - 8.5 |
| Specific conductance | 1,000 micromhos per centimeter |
| Total dissolved salts | 700 milligrams per liter |
| Sodium (Na) | 60% of total cations as milliequivalents per liter |
| Sulfates ($SO_4$) | 10 milligrams per liter, applicable to water used for production of wild rice during periods when the rice may be susceptible to damage by high sulfate levels. |

| | |
|---|---|
| Radioactive materials | Not to exceed the lowest concentrations permitted to be discharged to an uncontrolled environment as prescribed by the appropriate authority having control over their use. |

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

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

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

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

| Substance or Characteristic | Limit or Range |
|---|---|
| pH value | 6.0 - 9.0 |
| Hydrogen sulfide | 0.02 milligram per liter |

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

6. Other uses. The uses to be protected in this class may be under other jurisdictions and in other areas to which the waters of the state are tributary, and may include any or all of the uses listed in the foregoing categories, plus any other possible beneficial uses. The agency therefore reserves the right to impose any standards necessary for the protection of this class, consistent with legal limitations.

7. Limited resource value waters. The quality of this class of waters of the state shall be such as to protect aesthetic qualities, secondary body contact use, and groundwater for use as a potable water supply. The limits or concentrations of substances or characteristics given below shall not be exceeded in the waters:

| Substance or Characteristic | Limit or Range |
|---|---|
| Fecal coliform organisms | 1,000 organisms per 100 milliliters* (Applies only between May 1 and October 31.) |
| pH | 6.0 - 9.0 |
| Dissolved oxygen | At concentrations which will avoid odors or putrid |

| | |
|---|---|
| | conditions in the receiving water or at concentrations at not less than 1 mg/l (daily average) provided that measurable concentrations are present at all times. |
| Unspecified Substances | Unspecified substances shall not be allowed in such quantities or concentrations that will impair the specified uses. |

*The stated value is not to be exceeded in any calendar month as determined by the logarithmic mean of a minimum of five samples, nor shall more than ten percent of all samples taken during any calendar month individually exceed 2,000 organisms per 100 milliliters.

**Statutory Authority:** *MS s 115.03; 115.44*

**History:** *9 SR 913*

**7050.0300** [Repealed, 9 SR 913]

**7050.0310** [Repealed, 9 SR 913]

**7050.0320** [Repealed, 9 SR 913]

**7050.0330** [Repealed, 9 SR 913]

**7050.0340** [Repealed, 9 SR 913]

**7050.0350** [Repealed, 9 SR 913]

**7050.0360** [Repealed, 9 SR 913]

**7050.0370** [Repealed, 9 SR 913]

**7050.0380** [Repealed, 9 SR 913]

## CLASSIFICATIONS OF WATERS OF THE STATE

**7050.0400 PURPOSE.**

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

**Statutory Authority:** *MS s 115.03; 115.44*

**History:** *9 SR 914*

**7050.0410 LISTED WATERS.**

Those waters of the state that are specifically listed in part 7050.0470 are, in addition to any classifications listed in part 7050.0470, also classified as 3C, 4A, 4B, 5, and 6 class waters.

**Statutory Authority:** *MS s 115.03; 115.44*

**History:** *9 SR 914*

**7050.0420 TROUT WATERS.**

Trout streams and trout lakes described in Department of Natural Resources Commissioner's orders 2089 (dated June 26, 1981) and 2086 (dated March 7, 1981) respectively are hereby classified as trout waters. Other lakes that are classified as trout waters are listed in part 7050.0470. All trout waters are

classified 1B, 2A, 3B, 3C, 4A, 4B, 5, and 6.

**Statutory Authority:** *MS s 115.03; 115.44*

**History:** *9 SR 914*

**7050.0430 UNLISTED WATERS.**

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

**Statutory Authority:** *MS s 115.03; 115.44*

**History:** *9 SR 914*

**7050.0440 OTHER CLASSIFICATIONS SUPERSEDED.**

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

**Statutory Authority:** *MS s 115.03; 115.44*

**History:** *9 SR 914*

**7050.0450 MULTI-CLASSIFICATIONS.**

If a water of the state is classified in more than one class, all the water quality standards for each of the classes apply. If the water quality standards for particular parameters for the various classes are different, the more restrictive of the standards apply.

**Statutory Authority:** *MS s 115.03; 115.44*

**History:** *9 SR 914*

**7050.0460 WATERS SPECIFICALLY CLASSIFIED.**

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

**Statutory Authority:** *MS s 115.03; 115.44*

**History:** *9 SR 914*

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

Subpart 1. **Lake Superior Basin.**

Streams

| | | |
|---|---|---|
| Amenda Creek | (T.59, R.5W) | 2C |
| Barber Creek (East Swan River) (Chisholm Creek) Chisholm | (T.58, R.20, S.21, 22, 26, 27, 34, 35) | 7 |
| Boulder Creek | (T.53, 54, R.14) | 2C |
| Brule River (excluding trout waters) | (T.62, 63, 64, R.1W, 1E, 2E, 3E) | 1B, 2B, 3B |
| Buhl Creek Buhl | (T.58, R.19, S.20, 29) | 7 |
| Cranberry Creek | (T.58, R.13) | 2C |
| Elbow Creek Eveleth | (T.57, R.17, S.6; T.57, R.18, S.1) | 7 |

| | | |
|---|---|---|
| Horn Creek | (T.62, R.4W) | 1B, 2B, 3B |
| Manganika Creek Virginia | (T.58, R.17, S.19; T.58, R.18, S.24) | 7 |
| Pigeon River | (South of Fowl Lake to Pigeon Bay of Lake Superior) | 1B, 2B, 3A |
| Swan River, West | (T.55, R.20, 21) | 2C |
| Temperance River (excluding trout waters) | (T.59, 60, 61, 62, R.4W) | 1B, 2B, 3B |
| Trappers Creek | (T.56, R.11) | 2C |
| Unnamed Creek Meadowlands | (T.53, R.19, S.22, 23) | 7 |
| Unnamed Ditch Eveleth | (T.57, R.17, S.6) | 7 |
| Unnamed Ditch Gilbert | (T.58, R.17, S.23, 24, 25, 36) | 7 |
| *All other streams in the Boundary Waters Canoe Area Wilderness | | 1B, 2B, 3B |
| Lakes | | |
| *Alder Lake | (T.64, R.1E) | 1B, 2A, 3B |
| *Alton Lake | (T.62, 63, R.4, 5) | 1B, 2A, 3B |
| Bearskin Lake, East | (T.64, R.1E, 1W) | 1B, 2A, 3B |
| Bearskin Lake, West | (T.64, 65, R.1) | 1B, 2A, 3B |
| Birch Lake | (T.65, R.1, 2) | 1B, 2A, 3B |
| Black Lake | (T.45, R.15) | 1B, 2B, 3B |
| *Brule Lake | (T.63, R.2, 3) | 1B, 2A, 3B |
| Chester Lake | (T.64, R.3E) | 1B, 2A, 3B |
| *Clearwater Lake (Emby Lake) | (T.65, R.1E) | 1B, 2A, 3B |
| Colby Lake | (T.58, R.14) | 1B, 2B, 3B |
| *Cone Lake, North | (T.63, 64, R.3) | 1B, 2A, 3B |
| *Crystal Lake | (T.64, R.1E, 2E) | 1B, 2A, 3B |
| *Daniels Lake | (T.65, R.1E, 1W) | 1B, 2A, 3B |
| *Davis Lake | (T.64, R.3) | 1B, 2A, 3B |
| Devilfish Lake | (T.64, R.3E) | 1B, 2A, 3B |
| *Duncan Lake | (T.65, R.1) | 1B, 2A, 3B |
| *Dunn Lake | (T.65, R.1, 2) | 1B, 2A, 3B |
| Echo Lake | (T.59, R.6) | 1B, 2A, 3B |
| Esther Lake | (T.63, 64, R.3E) | 1B, 2A, 3B |
| *Fan Lake | (T.65, R.2E) | 1B, 2B, 3A |
| Flour Lake | (T.64, R.1E, 1W) | 1B, 2A, 3B |
| Fowl Lake, North | (T.64, 65, R.3E) | 1B, 2B, 3A |
| Fowl Lake, South | (T.64, 65, R.3E) | 1B, 2B, 3A |
| *Gaskin Lake | (T.64, R.2) | 1B, 2A, 3B |
| Greenwood Lake | (T.64, R.2E) | 1B, 2A, 3B |
| Hungry Jack Lake | (T.64, 65, R.1) | 1B, 2A, 3B |
| Jap Lake (Jerry Lake) | (T.64, R.1E) | 1B, 2A, 3B |
| Kemo Lake | (T.63, R.1) | 1B, 2A, 3B |
| *Lily Lakes | (T.65, R.2E) | 1B, 2B, 3A |

| | | |
|---|---|---|
| McFarland Lake | (T.64, R.3E) | 1B, 2A, 3B |
| *Misquah Lake | (T.64, R.1) | 1B, 2A, 3B |
| *Moose Lake | (T.65, R.2E, 3E) | 1B, 2A, 3A |
| *Morgan Lake | (T.64, R.1) | 1B, 2A, 3B |
| Moss Lake | (T.65, R.1) | 1B, 2A, 3B |
| *Mountain Lake | (T.65, R.1E, 2E) | 1B, 2A, 3B |
| Musquash Lake | (T.63, R.1E) | 1B, 2A, 3B |
| *Onega Lake (Omega Lake) | (T.64, R.2, 3) | 1B, 2A, 3B |
| *Otto Lake, Lower | (T.64, R.2) | 1B, 2A, 3B |
| *Partridge Lake | (T.65, R.1) | 1B, 2A, 3B |
| *Pike Lake, West | (T.65, R.2E) | 1B, 2A, 3B |
| *Pine Lake | (T.64, 65, R.1E, 2E, 3E) | 1B, 2A, 3B |
| *Ram Lake | (T.63, R.1) | 1B, 2A, 3B |
| *Rose Lake | (T.65, R.1) | 1B, 2A, 3B |
| Saint Mary's Lake | (T.57, R.17, S.9, 16, 17) | 1C, 2B, 3B |
| *Sawbill Lake | (T.62, 63, R.4) | 1B, 2B, 3B |
| Seven Beaver Lake | (T.58, R.11, 12) | 2B, 3A |
| *South Lake | (T.65, R.1, 2) | 1B, 2A, 3B |
| *State Lake | (T.63, 64, R.2) | 1B, 2A, 3B |
| *Superior, Lake | (T.49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, R.14W-7E) | 1B, 2A, 3A |
| *Swan Lake | (T.63, R.2) | 1B, 2A, 3B |
| Trout Lake | (T.62, R.2E) | 1B, 2A, 3B |
| *Trout Lake, Little | (T.63, R.1) | 1B, 2A, 3B |
| Twin Lake, Upper (Bear Lake) | (T.56, R.8) | 1B, 2A, 3B |
| *Vista Lake | (T.64, R.1) | 1B, 2A, 3B |
| *Wanihigan Lake (Trap Lake) | (T.63, 64, R.2, 3) | 1B, 2A, 3B |
| *Winchell Lake | (T.64, R.2, 3) | 1B, 2A, 3B |
| *All other lakes in the Boundary Waters Canoe Area Wilderness | | 1B, 2B, 3B |

Subp. 2. **Lake of the Woods Basin.**

Streams

| | | |
|---|---|---|
| Beaver Creek | (T.62, 63, R.20) | 2C |
| Gardner Brook | (T.63, 64, R.23) | 2C |
| Indian Sioux River, Little | (T.64, 65, R.15) | 1B, 2B, 3B |
| Island River | (T.61, R.7, 8) | 1B, 2B, 3B |
| Kawishiwi River | (Source to Fall Lake) | 1B, 2B, 3B |
| Lone Creek | (T.66, R.5) | 1B, 2C |
| Moose River | (T.68, R.18, 19) | 1B, 2B, 3B |
| Moose River | (T.64, 65, 66, R.14) | 1B, 2B, 3B |
| Portage Creek | (T.65, R.21) | 2C |
| Portage River | (T.65, 66, R.14) | 1B, 2B, 3B |
| Rainy River | (Outlet of Rainy Lake to Dam in International Falls) | 1B, 2B, 3A |
| Rainy River | (Dam in International Falls to Railroad Bridge in Baudette) | 1C, 2B, 3A |

| | | |
|---|---|---|
| Rainy River | (Railroad Bridge in Baudette to Lake of the Woods) | 2B, 3A |
| Snake River | (T.61, R.9) | 1B, 2B, 3B |
| Stuart River | (T.65, 66, R.13) | 1B, 2C |
| Zippel Creek, West Branch | (T.162, R.33, 34) | 2C |
| *All other streams in the Boundary Waters Canoe Area Wilderness | | 1B, 2B, 3B |
| *Purvis Lake-Ober | (Waters within the Purvis Lake-Ober Foundation Scientific and Natural Area, Saint Louis County, T.61, R.13) | 2B, 3B |
| *All other streams in the Voyageurs National Park | | 2B, 3B |
| Lakes | | |
| *Adams Lake | (T.64, R.6) | 1B, 2A, 3B |
| *Agamok Lake | (T.65, R.5, 6) | 1B, 2A, 3B |
| *Ahmakose Lake | (T.64, R.7) | 1B, 2A, 3B |
| *Alpine Lake | (T.65, R.5) | 1B, 2A, 3B |
| *Amoeber Lake | (T.65, R.6, 7) | 1B, 2A, 3B |
| *Arkose Lake | (T.64, 65, R.7) | 1B, 2A, 3B |
| *Ashdick Lake (Caribou Lake) | (T.66, R.6) | 1B, 2A, 3B |
| *Basswood Lake | (T.64, 65, R.9, 10) | 1B, 2A, 3B |
| *Bat Lake | (T.64, 65, R.5) | 1B, 2A, 3B |
| *Beartrack Lake | (T.67, R.15) | 1B, 2A, 3B |
| *Beaver Lake (Elbow Lake) | (T.63, 64, R.6, 7) | 1B, 2A, 3B |
| *Bingshick Lake | (T.65, R.4, 5) | 1B, 2A, 3B |
| Brant Lake (Everett Lake) | (T.65, R.4) | 1B, 2A, 3B |
| Burntside Lake | (T.63, R.12, 13) | 1B, 2A, 3B |
| *Camp Lake | (T.64, R.11) | 1B, 2B, 3B |
| Caribou Lake | (T.60, R.22) | 1B, 2A, 3B |
| *Cash Lake | (T.64, R.3) | 1B, 2A, 3B |
| *Cherokee Lake | (T.63, 64, R.4) | 1B, 2A, 3B |
| *Cherry Lake | (T.65, R.6) | 1B, 2A, 3B |
| *Crab Lake | (T.63, R.13, 14) | 1B, 2A, 3B |
| Crab Lake | (T.65, R.2, 3) | 1B, 2A, 3B |
| Crane Lake | (T.67, 68, R.16, 17) | 1B, 2A, 3A |
| *Crooked Lake | (T.64, R.5) | 1B, 2A, 3B |
| *Crooked Lake | (T.66, R.11, 12) | 1B, 2A, 3B |
| *Cruiser Lake (Trout Lake) | (T.69, 70, R.19) | 1B, 2A, 3B |
| *Eddy Lake | (T.65, R.6) | 1B, 2A, 3B |
| *Ester Lake (Gnig Lake) | (T.65, 66, R.6) | 1B, 2A, 3B |
| *Eugene Lake | (T.67, R.15) | 1B, 2A, 3B |
| *Explorer Lake (South Three Lake) | (T.64, R.7, 8) | 1B, 2A, 3B |

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|---|---|---|
| Fall Lake | (T.63, 64, R.11, 12) | 1B, 2B, 3B |
| *Fat Lake | (T.67, R.15) | 1B, 2A, 3B |
| *Fay Lake | (T.65, R.5) | 1B, 2A, 3B |
| *Fern Lake | (T.64, R.5) | 1B, 2A, 3B |
| *Fern Lake, West | (T.64, R.5) | 1B, 2A, 3B |
| *Finger Lake | (T.67, R.14) | 1B, 2A, 3B |
| *Fishdance Lake | (T.63, R.7) | 1B, 2A, 3B |
| *Fraser Lake | (T.64, R.7) | 1B, 2A, 3B |
| *French Lake | (T.64, 65, R.5) | 1B, 2A, 3B |
| *Frost Lake | (T.64, R.4) | 1B, 2A, 3B |
| *Gabimichigami Lake | (T.64, 65, R.5, 6) | 1B, 2A, 3B |
| *Ge-Be-On-Equat Lake | (T.67, R.14) | 1B, 2A, 3B |
| *Gijikiki Lake (Cedar Lake) | (T.65, 66, R.6) | 1B, 2A, 3B |
| *Gillis Lake | (T.64, 65, R.5) | 1B, 2A, 3B |
| *Gordon Lake | (T.64, R.4) | 1B, 2A, 3B |
| *Gun Lake | (T.67, 68, R.15) | 1B, 2A, 3B |
| Gunflint Lake | (T.65, R.2, 3, 4) | 1B, 2A, 3B |
| Gunflint Lake, Little | (T.65, R.2) | 1B, 2B, 3B |
| *Hanson Lake | (T.65, 66, R.6) | 1B, 2A, 3B |
| *Holt Lake | (T.65, R.6) | 1B, 2A, 3B |
| *Howard Lake | (T.65, R.5) | 1B, 2A, 3B |
| *Hustler Lake | (T.66, 67, R.14) | 1B, 2A, 3B |
| *Ima Lake (Slate Lake) | (T.64, R.7, 8) | 1B, 2A, 3B |
| *Jasper Lake | (T.65, R.5) | 1B, 2A, 3B |
| Johnson Lake | (T.67, 68, R.17, 18) | 1B, 2A, 3B |
| *Kabetogama Lake | (T.69, 70, R.20, 21, 22) | 1B, 2B, 3A |
| *Karl Lake | (T.64, R.3, 4) | 1B, 2A, 3B |
| *Kek Lake, Little | (T.65, R.6, 7) | 1B, 2A, 3B |
| *Kekekabic Lake | (T.64, 65, R.6, 7) | 1B, 2A, 3B |
| *Knife Lake | (T.65, R.7, 8) | 1B, 2A, 3B |
| *Lake of the Clouds Lake (Dutton Lake) | (T.65, R.6) | 1B, 2A, 3B |
| Larson Lake | (T.61, R.24) | 1B, 2A, 3B |
| *Long Island Lake | (T.64, R.3, 4) | 1B, 2A, 3B |
| Loon Lake | (T.65, R.3) | 1B, 2A, 3B |
| *Loon Lake | (T.66, 67, R.15) | 1B, 2A, 3B |
| *Lunar Lake (Moon Lake) | (T.65, R.6) | 1B, 2A, 3B |
| *Lynx Lake | (T.66, R.14, 15) | 1B, 2A, 3B |
| Magnetic Lake | (T.65, R.3, 4) | 1B, 2A, 3B |
| Makwa Lake (Bear Lake) | (T.64, R.6) | 1B, 2A, 3B |
| *Marble Lake | (T.64, R.6) | 1B, 2A, 3B |
| Mayhew Lake | (T.65, R.2) | 1B, 2A, 3B |
| *Mesaba Lake | (T.63, R.5) | 1B, 2A, 3B |
| *Missionary Lake (East Three Lake) | (T.64, R.7, 8) | 1B, 2A, 3B |
| *Moose Lake | (T.64, R.9, 10) | 1B, 2B, 3B |
| *Mora Lake | (T.64, R.5) | 1B, 2A, 3B |
| *Mukooda Lake | (T.68, R.17) | 1B, 2A, 3B |
| *Namakan Lake | (T.69, R.17, 18, 19) | 1B, 2B, 3A |

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| North Lake | (T.65, R.2) | 1B, 2A, 3B |
| North Lake, Little | (T.65, R.2) | 1B, 2B, 3B |
| *Ogishkemuncie Lake | (T.65, R.6) | 1B, 2A, 3B |
| Ojibway Lake (Upper Twin) | (T.63, R.9, 10) | 1B, 2A, 3B |
| *Owl Lake | (T.64, R.5) | 1B, 2A, 3B |
| *Oyster Lake | (T.66, R.14) | 1B, 2A, 3B |
| *Peter Lake | (T.64, 65, R.5) | 1B, 2A, 3B |
| *Portage Lake | (T.65, R.8) | 1B, 2A, 3B |
| *Powell Lake | (T.64, 65, R.5) | 1B, 2A, 3B |
| *Rabbit Lake | (T.66, R.6) | 1B, 2A, 3B |
| *Rainy Lake | (T.70, 71, R.18, 19, 20, 21, 22, 23) | 1B, 2B, 3A |
| *Raven Lake (Lynx Lake) | (T.64, R.6) | 1B, 2A, 3B |
| *Red Rock Lake | (T.65, 66, R.5) | 1B, 2A, 3B |
| *Ruby Lake, Big | (T.66, R.14) | 1B, 2A, 3B |
| *Saganaga Lake | (T.66, 67, R.4, 5) | 1B, 2A, 3B |
| *Saganaga Lake, Little | (T.64, R.5, 6) | 1B, 2A, 3B |
| *Sand Point Lake | (T.68, 69, R.16, 17) | 1B, 2A, 3A |
| *Sea Gull Lake | (T.65, 66, R.4, 5) | 1B, 2A, 3B |
| *Sema Lake (Coon Lake) | (T.65, R.7) | 1B, 2A, 3B |
| *Snowbank Lake | (T.63, 64, R.8, 9) | 1B, 2A, 3B |
| *Spoon Lake (Fames Lake) | (T.65, R.7) | 1B, 2A, 3B |
| Spring Lake | (T.68, R.18) | 1B, 2A, 3B |
| *Strup Lake | (T.64, R.7) | 1B, 2A, 3B |
| *Sumpet Lake | (T.61, R.7) | 1B, 2B, 3B |
| *Takucmich Lake | (T.67, 68, R.14) | 1B, 2A, 3B |
| *Tarry Lake | (T.64, R.5) | 1B, 2A, 3B |
| *Thomas Lake | (T.63, 64, R.7) | 1B, 2A, 3B |
| *Thumb Lake | (T.67, R.14) | 1B, 2A, 3B |
| *Topaz Lake (Star Lake) | (T.65, R.6) | 1B, 2A, 3B |
| *Town Lake | (T.63, 64, R.3, 4) | 1B, 2A, 3B |
| *Trout Lake, Big | (T.63, 64, R.15, 16) | 1B, 2A, 3B |
| *Trout Lake, Little (Pocket Lake) | (T.68, R.17) | 1B, 2A, 3B |
| *Tucker Lake | (T.64, R.3) | 1B, 2B, 3B |
| *Tuscarora Lake | (T.64, R.4, 5) | 1B, 2A, 3B |
| *Vera Lake | (T.64, R.8) | 1B, 2A, 3B |
| *Virgin Lake | (T.64, R.5) | 1B, 2A, 3B |
| *Wine Lake | (T.63, R.5) | 1B, 2A, 3B |
| *Wisini Lake | (T.64, R.7) | 1B, 2A, 3B |
| Lake of the Woods | (T.161, 162, 163, 164, 165, 166, 167, 168, R.30, 31, 32, 33, 34, 35) | 1B, 2B, 3A |
| Unnamed Swamp Winton | (T.63, R.11, S.19; T.63, R.12, S.24) | 7 |
| *All other lakes in the Boundary Waters Canoe Area Wilderness | | 1B, 2B, 3B |
| *All other lakes in | | 2B, 3B |

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| the Voyageurs National Park | | |

Subp. 3. **Red River of the North Basin.**

Streams

| | | |
|---|---|---|
| Badger Creek | (T.149, 150, 151, R.42, 43, 44) | 2C |
| Barnums Creek (Burnham Creek) | (T.148, 149, 150, R.44, 45, 46, 47, 48) | 2C |
| Bois de Sioux River | (Mud Lake outlet to Breckenridge) | 2C |
| County Ditch No. 6A-2 Rothsay | (T.135, R.45, S.21, 28, 33) | 7 |
| County Ditch No. 32 Sabin | (T.138, R.48, S.13, 14, 15, 16, 17, 18) | 7 |
| County Ditch No. 65 New York Mills | (T.135, R.37, S.18; T.135, R.38, S.13) | 7 |
| Deerhorn Creek | (T.136, R.44, 45, 46) | 2C |
| Doran Slough | (T.131, 132, R.46, 47) | 2C |
| Eighteen Mile Creek | (T.127, R.46, 47) | 2C |
| Five Mile Creek | (T.127, 128, R.45) | 2C |
| Gentilly River | (T.149, 150, R.45) | 2C |
| Hay Creek | (T.137, 138, R.44, 45, 46) | 2C |
| Hay Creek | (T.161, 162, 163, R.37, 38, 39) | 2C |
| Hill River | (T.148, 149, 150, R.39, 40, 41, 42) | 2C |
| Hoover Creek (excluding trout waters) | (T.152, 153, 154, R.29, 30) | 2C |
| Joe River | (T.162, 163, 164, R.49, 50) | 2C |
| Joe River, Little | (T.163, R.47, 48) | 2C |
| Judicial Ditch No. 13 Goodridge | (T.154, R.40, S.16, 17, 18) | 7 |
| Judicial Ditch No. 18 Goodridge | (T.154, R.40, S.18, 19, 27, 28, 29, 30; T.154, R.41, S.13, 14, 15, 16, 17, 18; T.154, R.42, S.7, 8, 13, 14, 15, 16; T.154, R.43, S.9, 10, 11, 12, 16) | 7 |
| Maple Creek | (T.147, 148, R.44, 45, 46) | 2C |
| Marsh Creek | (T.144, 145, 146, R.41, 42, 43) | 2C |
| Mustinka River | (T.127, 128, R.45, 46, 47) | 2C |
| Mustinka River, West Branch | (T.125, 126, 127, 128, R.45, 46, 47) | 2C |
| Otter Tail River | (Height of Land Lake to mouth) | 1C, 2B, 3B |
| Rabbit River | (T.130, 131, R.45, 46, 47) | 2C |
| Rabbit River, South Fork | (T.130, R.45, 46) | 2C |
| Red Lake River | (Outlet of Lower Red Lake to mouth) | 1C, 2B, 3B |

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|---|---|---|
| Red River of the North | (Breckenridge to Canadian border) | 1C, 2B, 3B |
| Roy Creek (Roy Lake Creek) | (T.144, 145, R.39) | 2C |
| Spring Creek | (T.145, 146, R.45, 46, 47) | 2C |
| Spring Creek | (T.142, R.41, 42) | 2C |
| Stony Creek | (T.137, R.45, 46) | 2C |
| Sucker Creek | (T.160, 161, R.39) | 2C |
| Tamarack River (Source to Stephen) | (T.157, 158, R.45, 46, 47, 48) | 1C, 2B, 3B |
| Twelve Mile Creek (excluding Class 7 segment) | (T.126, 127, R.45) | 2C |
| Twelve Mile Creek (County Ditch No. 1) Donnelly | (T.126, R.43, S.16, 17, 18, 19, 21, 22, 25, 26, 27; T.126, R.44, S.23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33; T.126, R.45, S.25, 26, 27, 28, 36) | 7 |
| Twelve Mile Creek, East Fork | (T.125, 126, R.44, 45) | 2C |
| Twelve Mile Creek, West Fork | (T.125, 126, R.44, 45) | 2C |
| Twin Lake Creek | (T.144, 145, R.40) | 2C |
| Two Rivers, Middle Branch | (Source to Hallock) | 1C, 2B, 3B |
| Two Rivers, South Branch | (T.161, R.41-49) | 1C, 2B, 3B |
| Unnamed Creek Rothsay | (T.135, R.45, S.21, 22, 23, 25, 26) | 7 |
| Unnamed Creek Shevlin | (T.147, R.36, S.17, 18; T.147, R.37, S.11, 12, 13, 14) | 7 |
| Unnamed Ditch Audubon | (T.139, R.42, S.4, 9) | 7 |
| Unnamed Ditch Lake Park | (T.139, R.43, S.4; T.140, R.43, S.33) | 7 |
| Unnamed Ditch Glyndon | (T.139, R.47, S.1, 2, 12; T.140, R.47, S.35) | 7 |
| Unnamed Ditch Callaway | (T.140, R.41, S.6; T.140, R.42, S.1, 2, 10, 11) | 7 |
| Unnamed Ditch Gary | (T.145, R.44, S.22, 27, 34) | 7 |
| Unnamed Ditch Erskine | (T.149, R.42, S.34, 35) | 7 |
| Unnamed Ditch Thief River Falls | (T.154, R.43, S.31, 32, 33) | 7 |
| Unnamed Ditch Warroad | (T.163, R.37, S.19, 20, 21, 22, 23; T.163, R.38, S.19, 20, 21, 22, 23, 24, 30; T.163, R.39, S.25, 31, 32, 33, 34, 35, 36) | 7 |
| Whiskey Creek | (T.137, R.44, 45, 46) | 2C |
| Whiskey Creek | (T.133, 134, R.47, 48) | 2C |
| White Earth River | (T.143, 144, R.40, 41, 42) | 2C |
| Willow Creek | (T.135, R.38, S.13, 14, 15, | 7 |

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|---|---|---|
| New York Mills | 16, 17, 18) | |
| Wolverton Creek | (T.135, 136, 137, R.48) | 2C |
| Lakes | | |
| Lake Bronson | (T.160, 161, R.46) | 1C, 2B, 3B |
| Twin Lake, East | (T.138, R.41) | 1B, 2A, 3B |
| Unnamed Slough Vergas | (T.137, R.40, S.18; T.137, R.41, S.13, 24) | 7 |
| *Green Water Lake | (Waters within the Green Water Lake Scientific and Natural Area, Becker County, T.141, R.38, S.28, 33, 34) | 2B, 3B |

Subp. 4. **Upper Mississippi River Basin.**

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|---|---|---|
| Streams | | |
| Alcohol Creek | (T.143, 144, R.34) | 2C |
| Arramba Creek | (T.40, R.30) | 2C |
| Basswood Creek | (T.141, 142, R.36) | 2C |
| Battle Brook | (T.35, R.26, 27) | 2C |
| Battle Creek | (T.120, R.30, 31) | 2C |
| Bear Brook | (T.144, R.27) | 2C |
| Bear Creek | (T.145, R.36) | 2C |
| Beautiful Creek | (T.127, R.31) | 2C |
| Beaver Creek | (T.136, 137, R.32, 33) | 2C |
| Belle Creek | (T.117, 118, R.32) | 2C |
| Birch Brook | (T.141, R.25) | 2C |
| Black Brook | (T.41, 42, R.26) | 2C |
| Black Brook | (T.42, 43, R.30) | 2C |
| Blackwater Creek | (T.55, R.26) | 2C |
| Blueberry River | (T.138, 139, R.35, 36) | 2C |
| Bluff Creek | (T.135, 136, R.36, 37) | 2C |
| Bogus Brook | (T.37, 38, R.26) | 2C |
| Buckman Creek (excluding Class 7 segment) | (T.39, 40, R.30, 31) | 2C |
| Buckman Creek<br>Buckman<br>Buckman Coop Cry. | (T.39, R.30, S.4, 5, 6, 9; T.39, R.31, S.1, 2, 10, 11; T.40, R.30, S.31; T.40, R.31, S.36) | 7 |
| Bunker Hill Creek<br>Little Rock<br>Little Rock Coop Cry. | (T.39, R.30, S.31, 32, 33) | 7 |
| Cat River (excluding trout waters) | (T.136, 137, R.33, 34, 35) | 2C |
| Chase Brook | (T.38, 39, R.27) | 2C |
| Clearwater Creek | (T.56, 57, R.24, 25) | 2C |
| Coon Creek | (T.43, R.29, 30) | 2C |
| County Ditch No. 15 (Bear Creek)<br>Bertha | (T.132, R.35, S.2; T.133, R.34, S.7; T.133, R.35, S.12, 13, 24, 25, 26, 35) | 7 |
| County Ditch No. 23<br>Garfield | (T.129, R.38, S.26, 27) | 7 |
| County Ditch No. | (T.119, R.34, S.29, 30; | 7 |

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| 23A Willmar | T.119, R.35, S.23, 25, 26) | |
| County Ditch No. 42 McGregor | (T.48, R.23, S.29, 32) | 7 |
| County Ditch No. 63 Near Hutchinson West Lynn Coop Cry. | (T.116, R.30, S.19, 20, 21, 28, 33) | 7 |
| County Ditch No. 132 Lakeside Lakeside Coop Cry. | (T.116, R.31, S.16, 21) | 7 |
| Crane Creek (excluding Class 7 segment) | (T.116, 117, R.26, 27) | 2C |
| Crane Creek Winsted | (T.117, R.27, S.14, 20, 21, 22, 23, 24, 25) | 7 |
| *Crow River, North Fork | (From the Lake Koronis outlet to the Meeker-Wright County line) | 2B, 3B |
| Dagget Brook | (T.43, R.29, 30) | 2C |
| Eagle Creek | (T.120, R.29) | 2C |
| Elk River, Little | (T.130, 131, R.30, 31) | 2C |
| Elk River, So. Branch Little | (T.130, R.30, 31, 32) | 2C |
| Estes Brook | (T.36, 37, 38, R.27, 28) | 2C |
| Everton Creek | (T.149, R.30) | 2C |
| Farley Creek | (T.147, R.28) | 2C |
| Fish Creek | (T.28, R.22) | 2C |
| Fletcher Creek | (T.42, R.31) | 2C |
| Foley Brook | (T.141, R.25) | 2C |
| Frederick Creek | (T.119, R.25) | 2C |
| Frontenac Creek | (T.145, R.34) | 2C |
| Hanson Brook | (T.40, R.27) | 2C |
| Hay Creek | (T.43, 44, R.30, 31) | 2C |
| Hazel Creek | (T.127, R.29, 30) | 2C |
| Hennepin Creek (excluding trout waters) | (T.144, 145, 146, R.34, 35) | 2C |
| Indian Creek | (T.141, 142, R.36, 37) | 2C |
| Irish Creek | (T.129, R.31) | 2C |
| Iron Creek | (T.135, R.32) | 2C |
| Jewett Creek | (T.119, 120, R.30, 31) | 2C |
| Johnson Creek | (T.137, R.28) | 2C |
| Judicial Ditch No. 1 Lakeside Lakeside Coop Cry. | (T.116, R.31, S.28, 33) | 7 |
| Judicial Ditch No. 15 Buffalo Lake Iowa Pork Industries Hector | (T.115, R.31, S.15, 16, 20, 21, 29, 30; T.115, R.32, S.22, 25, 26, 27, 28, 32, 33) | 7 |
| Kettle Creek | (T.138, R.35, 36, 37) | 2C |

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| Kitchi Creek | (T.146, 147, R.29, 30) | 2C |
| Kitten Creek | (T.137, R.34, 35) | 2C |
| LaSalle Creek (excluding trout waters) | (T.143, 144, R.35) | 2C |
| LaSalle River | (T.144, 145, R.35) | 2C |
| Laura Brook | (T.141, R.26) | 2C |
| Meadow Creek | (T.128, R.30) | 2C |
| Mike Drew Brook | (T.38, 39, R.26, 27) | 2C |
| Mink Creek, Big | (T.41, 42, R.30, 31) | 2C |
| Mink Creek, Little | (T.41, 42, R.29, 30, 31) | 2C |
| *Mississippi River | (From Lake Itasca to Fort Ripley) | 2B, 3B |
| *Mississippi River | (From Fort Ripley to the southerly boundary of Morrison County) | 1C, 2B, 3B |
| Mississippi River | (From the southerly boundary of Morrison County to County State Aid Highway 7 bridge in Saint Cloud) | 1C, 2B, 3B |
| *Mississippi River | (County State Aid Highway 7 bridge in Saint Cloud to the northwestern city limits of Anoka) | 1C, 2B, 3B |
| Mississippi River | (From the northwestern city limits of Anoka to the Upper Lock and Dam at Saint Anthony Falls in Minneapolis) | 1C, 2B, 3B |
| Mississippi River | (Outlet of Metro Wastewater Treatment Works in Saint Paul to river mile 830, Rock Island RR Bridge) | 2C, 3B |
| Northby Creek | (T.140, R.27) | 2C |
| Norway Brook | (T.139, R.30) | 2C |
| O'Brien Creek | (T.56, 57, R.22) | 2C |
| O'Neill Brook | (T.38, R.26) | 2C |
| Oak Ridge Creek (Oak Creek) | (T.133, 134, R.36) | 2C |
| Pigeon River | (T.147, R.27) | 2C |
| Pike Creek (except Class 7 segment) | (T.129, R.30) | 2C |
| Pike Creek Flensburg | (T.129, R.30, S.17, 18, 19, 20) | 7 |
| Pillager Creek | (T.133, R.30) | 2C |
| Pioneer Creek | (T.118, R.24) | 2C |
| Prairie Brook | (T.36, R.27) | 2C |
| Rat Creek | (T.144, 145, R.34) | 2C |
| Rice Creek | (T.30, 31, 32, R.22, 23, 24) | 1C, 2B, 3B |
| Rice Creek | (T.35, R.29) | 2C |
| *Rum River | (From the Ogechie Lake spillway to the northernmost confluence with Lake Onamia) | 2B, 3B |
| *Rum River | (From the State Highway 27 bridge in Onamia to Madison and Rice Streets in Anoka) | 2B, 3B |

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| Sandy River<br>McGregor | (T.48, R.23, S.19, 29, 30; T.48, R.24, S.13, 24) | 7 |
| Seven Mile Creek | (T.133, 134, R.30, 31) | 2C |
| Six Mile Brook | (T.143, 144, R.26, 27) | 2C |
| Skimmerhorn Creek | (T.149, R.30) | 2C |
| Skunk Creek | (T.144, R.34) | 2C |
| Skunk River<br>(Co. Dt. No. 37)<br>(Co. Dt. No. 29)<br>Brooten | (T.123, R.35, S.4, 5, 9; T.123, R.35, S.9, 10, 11, 12; T.123, R.34, S.3, 4, 5, 6, 7, 8) | 7 |
| Snowball Creek | (T.56, R.23) | 2C |
| Split Hand Creek | (T.53, R.24) | 2C |
| Stag Brook | (T.121, 122, R.30, 31) | 2C |
| Stanchfield Brook,<br>Lower<br>Braham | (T.37, R.23, S.3, 10, 15, 22) | 7 |
| Stocking Creek | (T.138, R.35) | 2C |
| Stony Brook<br>(Stoney Brook)<br>Foley | (T.36, R.29, S.2, 9, 10, 11, 16; T.37, R.29, S.35, 36) | 7 |
| Stony Creek | (T.140, R.28) | 2C |
| Stony Point Brook | (T.147, R.28) | 2C |
| Sucker Creek<br>(Gould Creek)<br>(excluding trout waters) | (T.143, 144, R.36) | 2C |
| Swamp Creek, Big | (T.137, 138, 139, R.32, 33) | 2C |
| Swamp Creek, Little | (T.136, 137, R.33) | 2C |
| Swan Creek | (T.134, 135, R.32) | 2C |
| Swan Creek, Little | (T.135, R.32) | 2C |
| Swift River | (T.142, R.27) | 2C |
| Taylor Creek | (T.128, R.31) | 2C |
| Ted Brook Creek | (T.130, R.31) | 2C |
| Tibbits Brook | (T.33, 34, R.26, 27) | 2C |
| Tibbetts Creek<br>(Tibbetts Brook) | (T.39, 40, R.27, 28) | 2C |
| Tower Creek | (T.135, R.32, 33) | 2C |
| Two Rivers,<br>South Branch<br>Albany | (T.125, R.31, S.21, 22, 23) | 7 |
| Unnamed Creek<br>Calumet | (T.56, R.23, S.21) | 7 |
| Unnamed Creek<br>Hiller Mobile<br>Home Court | (T.119, R.26, S.22, 26, 27, 35) | 7 |
| Unnamed Creek<br>Grove City | (T.120, R.32, S.34, 35, 36) | 7 |
| Unnamed Creek<br>Albertville | (T.121, R.23, S.30; T.121, R.24, S.25, 36) | 7 |
| Unnamed Creek<br>Eden Valley<br>Ruhland Feeds | (T.121, R.31, S.2; T.122, R.31, S.35) | 7 |
| Unnamed Creek<br>Lake Henry | (T.123, R.33, S.11, 14) | 7 |
| Unnamed Creek<br>Miltona | (T.129, R.36, S.6; T.130, R.36, S.30, 31) | 7 |

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| Unnamed Ditch Braham | (T.37, R.23, S.2, 3) | 7 |
| Unnamed Ditch Ramey Ramey Farmers Coop Cry. | (T.38, R.28, S.4, 5; T.39, R.28, S.29, 30, 32; T.39, R.29, S.25, 26, 27, 28) | 7 |
| Unnamed Ditch McGregor | (T.48, R.23, S.31, 32) | 7 |
| Unnamed Ditch Nashwauk | (T.56, R.22, S.4, 5; T.57, R.22, S.32) | 7 |
| Unnamed Ditch Taconite | (T.56, R.24, S.22) | 7 |
| Unnamed Ditch Glencoe Green Giant | (T.115, R.28, S.21, 22, 27, 28) | 7 |
| Unnamed Ditch Glencoe Green Giant | (T.115, R.28, S.14, 23) | 7 |
| Unnamed Ditch Winsted Green Giant | (T.117, R.27, S.10, 11) | 7 |
| Unnamed Ditch Hiller Mobile Home Court | (T.119, R.26, S.34, 35) | 7 |
| Unnamed Ditch Kandiyohi | (T.119, R.34, S.10, 15, 21, 22, 28, 29, 32) | 7 |
| Unnamed Ditch Belgrade | (T.123, R.34, S.19, 30) | 7 |
| Unnamed Ditch Flensburg | (T.129, R.30, S.30; T.129, R.31, S.25) | 7 |
| Unnamed Ditch Miltona | (T.130, R.36, S.30; T.130, R.37, S.25, 36) | 7 |
| Unnamed Stream Winsted | (T.117, R.27, S.11, 12) | 7 |
| Unnamed Stream Flensburg | (T.129, R.30, S.19, 30) | 7 |
| Vandell Brook | (T.37, 38, R.26) | 2C |
| Welcome Creek | (T.56, 57, R.22) | 2C |
| Whitney Brook | (T.39, R.26, 27) | 2C |
| Willow River, North Fork | (T.142, R.25) | 2C |
| Willow River, South Fork | (T.142, R.25) | 2C |
| Wilson Creek | (T.137, R.30) | 2C |
| Wolf Creek | (T.42, R.30) | 2C |
| *Itasca Wilderness Sanctuary | (Waters within the Itasca Wilderness Sanctuary, Clearwater County, T.143, R.36) | 2B, 3B |
| *Iron Springs Bog | (Waters within the Iron Springs Bog Scientific and Natural Area, Clearwater County, T.144, R.36) | 2B, 3B |
| *Pennington Bog | (Waters within the Pennington Bog Scientific and Natural Area, Beltrami County, T.146, | 2B, 3B |

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| | R.30) | |
| *Wolsfeld Woods | (Waters within the Wolsfeld Woods Scientific and Natural Area, Hennepin County, T.118, R.23) | 2B, 3B |
| Lakes | | |
| Bald Eagle Lake | (T.30, 31, R.21, 22) | 1C, 2B, 3B |
| Benedict Lake | (T.142, R.32) | 1B, 2A, 3B |
| Blue Lake | (T.46, 47, R.27) | 1B, 2A, 3B |
| Blue Lake | (T.141, R.34) | 1B, 2A, 3B |
| Bluewater Lake | (T.57, R.25) | 1B, 2A, 3B |
| Centerville Lake | (T.31, R.22) | 1C, 2B, 3B |
| Charley Lake | (T.30, R.23) | 1C, 2B, 3B |
| Deep Lake | (T.30, R.22) | 1C, 2B, 3B |
| Hay Lake, Lower | (T.137, R.28, 29) | 1B, 2A, 3B |
| Kabekona Lake | (T.142, 143, R.32, 33) | 1B, 2A, 3B |
| Kennedy Lake | (T.58, R.23) | 1B, 2A, 3B |
| LaSalle Lake, Lower | (T.145, R.35) | 1B, 2A, 3B |
| Otter Lake | (T.30, 31, R.22) | 1C, 2B, 3B |
| Pleasant Lake | (T.30, R.22, 23) | 1C, 2B, 3B |
| Pokegama Lake | (T.54, 55, R.25, 26) | 1B, 2A, 3B |
| Roosevelt Lake | (T.138, 139, R.26) | 1B, 2A, 3B |
| Sucker Lake | (T.30, R.22) | 1C, 2B, 3B |
| Trout Lake | (T.55, 56, R.24) | 1B, 2A, 3B |
| Trout Lake, Big | (T.57, 58, R.25) | 1B, 2A, 3B |
| Trout Lake, Big | (T.137, 138, R.27, 28) | 1B, 2A, 3B |
| Trout Lake, Little | (T.57, R.25) | 1B, 2A, 3B |
| Unnamed Swamp Flensburg | (T.129, R.31, S.25) | 7 |
| Unnamed Slough Miltona | (T.130, R.37, S.26, 35, 36) | 7 |
| Unnamed Swamp Staples | (T.133, R.33, S.1) | 7 |
| Unnamed Swamp Taconite | (T.56, R.24, S.22) | 7 |
| Vadnais Lake | (T.30, R.22) | 1C, 2B, 3B |
| Wabana Lake | (T.57, R.25) | 1B, 2A, 3B |
| Watab Lake, Big | (T.124, R.30) | 1B, 2A, 3B |
| Wilkinson Lake | (T.30, R.22) | 1C, 2B, 3B |

Subp. 5. **Minnesota River Basin.**

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| Streams | | |
| Altermatts Creek (County Ditch No. 39) Comfrey | (T.108, R.33, S.17, 19, 20, 30; T.108, R.34, S.24, 25, 35, 36) | 7 |
| Badger Creek | (T.101, 102, R.28) | 2C |
| Beaver Creek, East Fork (County Ditch No. 63) Olivia Olivia Canning Co. | (T.115, R.34, S.1, 2, 3, 4, 5, 6; T.115, R.35, S.1, 12, 13, 14, 23, 24, 25, 26; T.116, R.34, S.16, 20, 21, 28, 29, 30, 32, 33, 34, 35) | 7 |

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| Blue Earth River, East Fork | (Brush Creek to mouth) | 2C, 3B |
| Blue Earth River, West Fork | (Iowa border to mouth) | 2C, 3B |
| Boiling Spring Creek (excluding Class 7 segment) | (T.113, 114, R.37, 38) | 2C |
| Boiling Springs Creek (County Ditch No. 1B) Echo | (T.113, R.38, S.5, 8; T.114, R.37, S.19, 30; T.114, R.38, S.25, 26, 27, 32, 33, 34) | 7 |
| Boot Creek (excluding Class 7 segment) | (T.105, 106, R.22, 23) | 2C |
| Boot Creek New Richland | (T.105, R.22, S.6, 7; T.105, R.23, S.12, 13, 24) | 7 |
| Brafees Creek | (T.116, 117, R.40) | 2C |
| Brush Creek | (Iowa border to mouth) | 2C, 3B |
| Bull Run Creek, Little | (T.106, R.24, 25) | 2C |
| Butterfield Creek | (T.106, 107, R.31, 32, 33) | 2C |
| Canby Creek (excluding trout waters) | (South Dakota border to mouth) | 2C, 3B |
| Cedar Run Creek | (T.103, 104, R.32, 33) | 2C |
| Cherry Creek Cleveland | (T.110, R.25, S.7, 8, 16, 17; T.110, R.26, S.12) | 7 |
| Chetomba Creek | (T.116, 117, R.36, 37, 38) | 2C |
| Cobb Creek Freeborn | (T.104, R.23, S.7, 8, 17; T.104, R.24, S.11, 12) | 7 |
| Cobb Creek Ditch Freeborn | (T.103, R.23, S.2; T.104, R.23, S.14, 15, 16, 23, 26, 35) | 7 |
| Cobb River, Big | (T.104, 105, 106, 107, R.23, 24, 25, 26) | 2C |
| Cobb River, Little | (T.105, 106, R.23, 24, 25, 26) | 2C |
| Cottonwood Creek | (T.119, 120, 121, R.41, 42) | 2C |
| County Ditch No. 1 Echo | (T.113, R.38, S.8, 9) | 7 |
| County Ditch No. 4 Arco | (T.110, R.44, S.5; T.111, R.44, S.32, 33) | 7 |
| County Ditch No. 4 Norwood | (T.115, R.25, S.30; T.115, R.26, S.13, 14, 24, 25) | 7 |
| County Ditch No. 5 Marietta | (T.117, R.45, S.6, 7, 18; T.117, R.46, S.1; T.118, R.46, S.23, 25, 26, 36) | 7 |
| County Ditch No. 6 Janesville | (T.107, R.24, S.4, 8, 9, 17, 18; T.107, R.25, S.13) | 7 |
| County Ditch No. 7 Lowry | (T.126, R.39, S.25, 26) | 7 |
| County Ditch No. 12 Waseca | (T.107, R.23, S.22, 23) | 7 |
| County Ditch No. 12 (Rice Creek) Belview | (T.113, R.36, S.7, 8, 18, 19; T.113, R.37, S.15, 21, 22, 23, 24) | 7 |

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| County Ditch No. 14<br>Tyler | (T.109, R.43, S.18; T.109, R.44, S.2, 3, 11, 13, 14; T.110, R.44, S.33, 34) | 7 |
| County Ditch No. 22<br>Montgomery<br>Green Giant Co. | (T.111, R.23, S.4, 9, 10; T.112, R.23, S.33) | 7 |
| County Ditch No. 27<br>Madison | (T.117, R.43, S.3, 4, 5, 6; T.117, R.44, S.1; T.118, R.43, S.34; T.118, R.44, S.35, 36) | 7 |
| County Ditch No. 28<br>Marietta | (T.118, R.46, S.22, 23, 26) | 7 |
| County Ditch No. 38<br>Storden | (T.107, R.37, S.28, 29) | 7 |
| County Ditch No. 40A<br>Lafayette | (T.111, R.29, S.8, 14, 15, 16, 17, 23, 24) | 7 |
| County Ditch No. 42<br>Winthrop | (T.112, R.29, S.6, 7) | 7 |
| County Ditch No. 44<br>Bricelyn<br>Owatonna Canning Co. | (T.101, R.25, S.7, 8, 16, 17; T.101, R.26, S.1, 12; T.102, R.26, S.36) | 7 |
| County Ditch No. 45<br>Renville | (T.114, R.36, S.5, 6, 7, 18; T.114, R.37, S.13; T.115, R.36, S.7, 18, 19, 29, 30, 32) | 7 |
| County Ditch No. 46<br>Willmar | (T.119, R.35, S.19, 20, 29) | 7 |
| County Ditch No. 51<br>Le Center | (T.110, R.24, S.5, 6; T.111, R.24, S.31, 32; T.111, R.25, S.26, 35, 36) | 7 |
| County Ditch No. 54<br>Montgomery | (T.112, R.23, S.26, 33, 34, 35) | 7 |
| County Ditch No. 60<br>(Chippewa River)<br>Millerville<br>Millerville<br>Coop Cry. | (T.130, R.39, S.14, 22, 23, 27, 28, 32, 33) | 7 |
| County Ditch No. 61<br>Kerkhoven | (T.120, R.37, S.21, 22) | 7 |
| County Ditch No. 63<br>Hanska | (T.108, R.30, S.11, 12, 14, 17, 18, 19, 20, 21, 22, 23, 27, 28) | 7 |
| County Ditch No. 66<br>Bird Island | (T.115, R.34, S.15, 16, 17, 18, 22, 23) | 7 |
| County Ditch No. 87<br>Wells | (T.103, R.24, S.6; T.104, R.24, S.31; T.104, R.25, S.36) | 7 |
| County Ditch No. 104<br>Sacred Heart | (T.114, R.38, S.1, 2; T.115, R.37, S.7, 18; T.115, R.38, S.13, 24, 25, 35, 36) | 7 |
| County Ditch No. 109<br>Morgan | (T.111, R.34, S.4, 5, 8, 17; T.112, R.34, S.22, 23, 27, 28, 33) | 7 |
| Crow Creek | (T.112, R.35) | 2C |
| Dry Creek | (T.108, 109, R.36) | 2C |

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| Dry Weather Creek | (T.117, 118, R.39, 40, 41) | 2C |
| Dry Wood Creek | (T.122, R.42, 43) | 2C |
| Echo Creek | (T.114, R.37) | 2C |
| Eight Mile Creek | (T.111, 112, 113, R.31) | 2C |
| Elm Creek, North Fork | (T.104, R.34) | 2C |
| Elm Creek, South Fork | (T.103, R.34) | 2C |
| Emily Creek | (T.118, 119, R.43) | 2C |
| Fish Creek | (T.123, 124, R.47, 48) | 2C |
| Five Mile Creek | (T.120, R.44) | 2C |
| Florida Creek | (South Dakota border to mouth) | 2C, 3B |
| Foster Creek (excluding Class 7 segment) | (T.102, 103, R.24) | 2C |
| Foster Creek Alden | (T.103, R.23, S.31; T.103, R.24, S.25, 36) | 7 |
| Hassel Creek | (T.122, 123, R.38, 39) | 2C |
| Hawk Creek (County Ditch No. 10) Willmar/Pennock | (T.118, R.36, S.2, 3, 8, 10, 15, 16, 17, 18, 19; T.118, R.37, S.5, 6, 7, 8, 9, 14, 15, 16, 18, 19, 23, 24, 30, 31; T.119, R.35, S.19; T.119, R.36, S.24, 25, 26, 35) | 7 |
| Hazel Run | (T.115, R.39, 40, 41, 42) | 2C |
| Iosco Creek | (T.108, R.23) | 2C |
| Judicial Ditch No. 1 Delavan | (T.104, R.27, S.23, 25, 26, 36) | 7 |
| Judicial Ditch No. 1A Lafayette | (T.111, R.27, S.5, 6, 7; T.111, R.28, S.10, 11, 12, 15, 16, 17, 18, 19; T.111, R.29, S.24) | 7 |
| Judicial Ditch No. 5 Murdock | (T.120, R.38, S.4, 5, 6, 9, 10, 11; T.120, R.39, S.1, 4, 9, 10, 11, 12) | 7 |
| Judicial Ditch No. 6 Hanska | (T.107, R.30, S.4; T.108, R.30, S.28, 33) | 7 |
| Judicial Ditch No. 10 Hanska | (T.108, R.30, S.1; T.109, R.30, S.35, 36) | 7 |
| Judicial Ditch No. 12 Tyler | (T.109, R.43, S.9, 15, 16, 17, 18) | 7 |
| Judicial Ditch No. 29 Arco | (T.111, R.44, S.21, 28, 33) | 7 |
| Judicial Ditch No. 30 Sleepy Eye Del Monte Corp. | (T.109, R.32, S.4, 5, 6; T.110, R.32, S.31) | 7 |
| Judicial Ditch No. 49 (Providence Creek) Amboy | (T.105, R.27, S.18, 19; T.105, R.28, S.13) | 7 |
| Lac qui Parle River | (Lake Hendricks outlet to Minnesota River) | 2C, 3B |
| Lac qui Parle River, West Fork | (South Dakota border to mouth) | 2C, 3B |
| Lazarus Creek | (South Dakota border to Canby Creek) | 2C, 3B |

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| Le Sueur River, Little | (T.106, R.22) | 2C |
| Lone Tree Creek Tracy | (T.109, R.39, S.2, 3, 4, 7, 8, 9; T.110, R.38, S.19, 20, 30; T.110, R.39, S.25, 34, 35, 36) | 7 |
| Middle Creek | (T.113, 114, R.36) | 2C |
| Mink Creek | (T.104, R.30, 31) | 2C |
| Minneopa Creek Lake Crystal | (T.108, R.28, S.26, 27, 32, 33, 34) | 7 |
| Minnesota River | (Big Stone Lake outlet to the Lac qui Parle dam) | 1C, 2B, 3B |
| *Minnesota River | (Lac qui Parle dam to Granite Falls) | 1C, 2B, 3B |
| *Minnesota River | (Granite Falls to Redwood County State Aid Highway 11 bridge) | 2B, 3B |
| Minnesota River | (River Mile 22 to mouth) | 2C, 3B |
| Minnesota River, Little | (South Dakota border crossing to Big Stone Lake) | 2C, 3B |
| Morgan Creek | (T.109, R.29, 30) | 2C |
| Mud Creek | (T.114, R.43, 44, 45) | 2C |
| Mud Creek DeGraff/Murdock | (T.121, R.37, S.31; T.121, R.38, S.18, 19, 20, 28, 29, 33, 34, 35, 36; T.121, R.39, S.11, 12, 13) | 7 |
| Muddy Creek (Mud Creek) (County Ditch No. 2) (County Ditch No. 4) Chokio | (T.124, R.42, S.6, 7, 15, 16, 17, 18, 21, 22, 23; T.124, R.43, S.1, 4, 5, 6, 7, 8; T.124, R.44, S.1, 2, 3, 12; T.125, R.43, S.34, 35, 36) | 7 |
| Palmer Creek | (T.116, 117, 118, R.39) | 2C |
| Pelican Creek | (T.130, R.41, 42) | 2C |
| Pell Creek Walnut Grove | (T.109, R.38, S.25, 26, 27, 28) | 7 |
| Perch Creek | (T.104, 105, 106, R.29, 30) | 2C |
| Rice Creek | See County Ditch No. 12 | |
| Rush River, Middle Branch Winthrop | (T.112, R.27, S.16, 19, 20, 21, 30; T.112, R.28, S.18, 19, 20, 21, 22, 25, 26, 27; T.112, R.29, S.7, 8, 9, 13, 14, 15, 16, 17, 18) | 7 |
| Saint James Creek (excluding Class 7 segment) | (T.105, 106, R.31, 32, 33) | 2C |
| Saint James Creek Saint James | (T.106, R.31, S.5, 7, 8, 18; T.107, R.31, S.21, 22, 28, 32, 33) | 7 |
| Shakopee Creek | (T.119, 120, R.36, 37, 38, 39, 40) | 2C |
| Silver Creek | (T.108, R.23, 24) | 2C |
| Smith Creek | (T.113, R.35, 36) | 2C |
| South Creek | (T.102, 103, R.28, 29, 30) | 2C, 3B |

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| Spring Branch Creek | (T.106, R.29, 30) | 2C |
| Spring Creek | (T.110, 111, R.32, 33, 34) | 2C |
| Spring Creek | (T.117, R.40) | 2C |
| Stony Run | (T.121, 122, R.45, 46) | 2C |
| Stony Run Creek | (T.116, R.40) | 2C |
| Three Mile Creek | (T.112, R.33) | 2C |
| Timms Creek | (T.114, 115, R.36) | 2C |
| Unnamed Creek Green Isle | (T.114, R.26, S.2, 3, 4, 8, 9, 17) | 7 |
| Unnamed Creek Pennock | (T.118, R.37, S.2, 3, 4, 5; T.119, R.36, S.4, 5, 6, 7, 18, 19; T.119, R.37, S.24, 25, 26, 35) | 7 |
| Unnamed Creek Murdock | (T.120, R.38, S.1, 2; T.121, R.38, S.35) | 7 |
| Unnamed Ditch Burnsville Freeway Sanitary Landfill | (T.27, R.24, S.28, 33) | 7 |
| Unnamed Ditch Bricelyn Owatonna Canning Co. | (T.101, R.25, S.10) | 7 |
| Unnamed Ditch Alden | (T.102, R.23, S.4, 5; T.103, R.23, S.31, 32) | 7 |
| Unnamed Ditch Truman | (T.104, R.30, S.2, 11; T.105, R.30, S.25, 26, 35) | 7 |
| Unnamed Ditch New Richland | (T.105, R.22, S.17, 18, 19; T.105, R.23, S.24) | 7 |
| Unnamed Ditch Lewisville | (T.105, R.30, S.3; T.106, R.30, S.14, 23, 26, 34, 35) | 7 |
| Unnamed Ditch Waldorf | (T.106, R.24, S.34) | 7 |
| Unnamed Ditch Waseca | (T.107, R.23, S.14, 23) | 7 |
| Unnamed Ditch Jeffers | (T.107, R.36, S.21) | 7 |
| Unnamed Ditch Storden | (T.107, R.37, S.19, 30) | 7 |
| Unnamed Ditch Eagle Lake | (T.108, R.25, S.18, 19; T.108, R.26, S.13) | 7 |
| Unnamed Ditch Walnut Grove | (T.109, R.38, S.28) | 7 |
| Unnamed Ditch Tracy | (T.109, R.39, S.18; T.109, R.40, S.13) | 7 |
| Unnamed Ditch Wabasso | (T.110, R.36, S.3; T.111, R.36, S.18, 19, 20, 28, 29, 33, 34; T.111, R.37, S.13) | 7 |
| Unnamed Ditch Lafayette | (T.111, R.29, S.6, 7, 8; T.111, R.30, S.12) | 7 |
| Unnamed Ditch | (T.111, R.37, S.13, 24) | 7 |

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| Wabasso | | |
| Unnamed Ditch | (T.112, R.23, S.33) | 7 |
| Montgomery | | |
| Unnamed Ditch | (T.113, R.30, S.5; | 7 |
| Near Fernando | T.114, R.29, S.19, | |
| Round Grove | 20, 30; T.114, R.30, | |
| Coop Cry. | S.25, 26, 27, 28, | |
| | 29, 32) | |
| Unnamed Ditch | (T.114, R.26, S.19; | 7 |
| Green Isle | T.114, R.27, S.11, 12, | |
| | 13, 14, 24) | |
| Unnamed Ditch | (T.114, R.44, S.21, 28) | 7 |
| Porter | | |
| Unnamed Ditch | (T.115, R.25, S.9, 16) | 7 |
| Bongards | | |
| Bongards | | |
| Creameries | | |
| Unnamed Ditch | (T.115, R.41, S.16) | 7 |
| Clarkfield | | |
| Unnamed Ditch | (T.115, R.41, S.16, 21) | 7 |
| Clarkfield | | |
| Unnamed Ditch | (T.118, R.44, S.27, 28, | 7 |
| Madison | 34, 35) | |
| Unnamed Ditch | (T.119, R.36, S.2, 3, 4, | 7 |
| Pennock | 9, 10) | |
| Unnamed Ditch | (T.121, R.38, S.19, 29, | 7 |
| DeGraff | 30) | |
| Unnamed Ditch | (T.122, R.40, S.6; T.122, | 7 |
| Hancock | R.41, S.1, 12; T.123, R.40, | |
| | S.18, 19, 30, 31; T.123, | |
| | R.41, S.11, 12) | |
| Unnamed Ditch | (T.124, R.43, S.3, 4) | 7 |
| Alberta | | |
| Unnamed Ditch | (T.126, R.39, S.6) | 7 |
| Farwell | | |
| Farwell Coop | | |
| Cry. Assn. | | |
| Unnamed Ditch | (T.126, R.39, S.26, 35) | 7 |
| Lowry | | |
| Unnamed Ditch | (T.129, R.39, S.21, 22) | 7 |
| Brandon | | |
| Unnamed Ditch | (T.129, R.40, S.10, 11) | 7 |
| Evansville | | |
| Unnamed Dry Run | (T.108, R.27, S.16) | 7 |
| Near Minneopa | | |
| Blue Earth- | | |
| Nicollet Elec. | | |
| Unnamed Dry Run | (T.108, R.26, S.19, 30; | 7 |
| Mankato | T.108, R.27, S.24) | |
| Southview Hts. | | |
| Coop Assn. | | |
| Unnamed Stream | (T.109, R.26, S.20, 21, 28) | 7 |
| Mankato | | |
| Midwest Electric | | |
| Products | | |
| Unnamed Stream | (T.115, R.21, S.8, 9) | 7 |

| | | |
|---|---|---|
| Savage | | |
| Unnamed Stream<br>Dawson<br>Dawson Mills<br>Soy Isolate | (T.117, R.43, S.22) | 7 |
| Wabasha Creek | (T.112, R.34) | 2C |
| Whetstone River | (South Dakota border to mouth) | 2C, 3B |
| Old Whetstone River Channel<br>Ortonville<br>Big Stone<br>Canning Co. | (T.121, R.46, S.16, 21) | 7 |
| Willow Creek | (T.104, 105, R.31, 32) | 2C |
| Wood Lake Creek | (T.113, 114, R.38, 39) | 2C |
| Yellow Bank River, North Fork | (South Dakota border to mouth) | 2C, 3B |
| Yellow Bank River, South Fork | (South Dakota border to mouth) | 2C, 3B |
| Yellow Medicine River, North Fork | (South Dakota border to mouth) | 2C, 3B |
| Lakes | | |
| Amber Lake | (T.102, R.30) | 1C, 2B, 3B |
| Bardwell Lake | (T.102, R.30) | 1C, 2B, 3B |
| Budd Lake | (T.102, R.30) | 1C, 2B, 3B |
| George Lake | (T.102, R.30) | 1C, 2B, 3B |
| Hall Lake | (T.102, R.30) | 1C, 2B, 3B |
| Mud Lake | (T.102, R.30) | 1C, 2B, 3B |
| One Hundred Acre Slough<br>Saint James | (T.106, R.31, S.7) | 7 |
| Silver Lake, North | (T.101, R.30) | 1C, 2B, 3B |
| Sisseton Lake | (T.102, R.30) | 1C, 2B, 3B |
| Unnamed Marsh<br>Barry | (T.124, R.47, S.8) | 7 |
| Unnamed Slough<br>Kensington | (T.127, R.40, S.34) | 7 |
| Unnamed Slough<br>Brandon | (T.129, R.39, S.21, 22) | 7 |
| Unnamed Swamp<br>Minnesota Lake | (T.104, R.25, S.3, 4) | 7 |
| Unnamed Swamp<br>Storden | (T.107, R.37, S.30) | 7 |
| Unnamed Swamp<br>Sunburg<br>Sunburg Coop Cry. | (T.122, R.36, S.30) | 7 |
| Unnamed Swamp<br>Lowry | (T.126, R.39, S.35, 36) | 7 |
| Wilmert Lake | (T.101, R.30) | 1C, 2B, 3B |

Subp. 6. **Saint Croix River Basin.**

| | | |
|---|---|---|
| Streams | | |
| Bear Creek | (T.43, R.23, 24) | 2C |

| | | |
|---|---|---|
| Bergman Brook | (T.42, 43, R.23, 24) | 2C |
| Groundhouse River, West Fork | (T.39, 40, R.26) | 2C |
| Hay Creek | (T.42, 43, 44, R.15, 16) | 1B, 2B, 3B |
| *Kettle River | (From the north Pine County line to the dam at Sandstone) | 2B, 3B |
| *Kettle River | (From the dam at Sandstone to its confluence with the Saint Croix River | 2B, 3B |
| King Creek | (T.47, R.19) | 2C |
| Mission Creek (excluding trout waters) | (T.39, 40, 41, R.20, 21) | 1B, 2B, 3B |
| Rock Creek | (T.37, 38, R.20, 21) | 1B, 2B, 3B |
| Rush Creek | (T.37, R.20, 21) | 1B, 2B, 3B |
| *Saint Croix River | (Wisconsin border crossing to Taylors Falls) | 1B, 2B, 3B |
| *Saint Croix River | (Taylors Falls to mouth) | 1C, 2B, 3B |
| Sunrise River, West Branch | (T.34, R.21, 22) | 1B, 2B, 3B |
| Tamarack River, Lower | (Hay Creek to mouth) | 1B, 2B, 3B |
| Tamarack River, Upper (Spruce River) | (T.42, R.15, 16) | 1B, 2B, 3B |
| Unnamed Ditch Chisago City | (T.34, R.20, S.19, 29, 30, 31, 32) | 7 |
| Unnamed Ditch Almelund Almelund Coop Cry. | (T.35, R.20, S.25) | 7 |
| Unnamed Ditch Moose Lake | (T.46, R.19, S.30) | 7 |
| Unnamed Dry Run Wahkon | (T.41, R.25, S.3; T.42, R.25, S.29, 32, 33, 34) | 7 |
| Unnamed Stream Shafer | (T.34, R.19, S.32, 33, 34) | 7 |
| *Kettle River | (Waters within the Kettle River Scientific and Natural Area, Pine County, T.41, R.20) | 2B, 3B |
| Lakes | | |
| Grindstone Lake | (T.42, R.21) | 1B, 2A, 3B |
| Unnamed Swamp Shafer | (T.34, R.19, S.31, 32) | 7 |
| *Boot Lake | (Waters within the Boot Lake Scientific and Natural Area, Anoka County, T.33, R.22) | 2B, 3B |

Subp. 7. **Lower Mississippi River Basin.**

Streams

| | | |
|---|---|---|
| Albany Creek, West | (T.110, 111, R.12, 13) | 2C |
| Bear Creek | (T.107, R.9) | 2C |

| | | |
|---|---|---|
| (excluding trout waters) | | |
| Brush Valley Creek | (T.104, R.5) | 2C |
| *Cannon River | (From the northern city limits of Faribault to its confluence with the Mississippi River) | 2B, 3B |
| Carters Creek Wykoff | (T.103, R.12, S.4, 9, 15, 16, 22) | 7 |
| Chub Creek, North Branch | (T.112, 113, R.19) | 2C |
| Cold Creek | (T.110, 111, R.14) | 2C |
| County Ditch No. 15 Kilkenny | (T.110, R.23, S.22, 23) | 7 |
| Crane Creek | (T.107, 108, R.20, 21, 22) | 2C |
| Dakota Creek | (T.105, R.5) | 2C |
| Dry Creek | (T.108, R.12, 13) | 2C |
| Dutch Creek | (T.112, R.20, 21) | 2C |
| Gilmore Creek (excluding trout waters) | (T.107, R.7) | 2C |
| Harkcom Creek | (T.108, R.16) | 2C |
| Homer Creek | (T.106, R.6) | 2C |
| Indian Spring Creek | (T.103, R.5) | 2C |
| King Creek | (T.111, R.11, 12) | 2C |
| Long Creek | (T.108, 109, R.12) | 2C |
| MacKenzie Creek | (T.108, 109, R.21) | 2C |
| Mahoney Creek | (T.103, R.10) | 2C |
| Mound Prairie Creek | (T.104, R.5) | 2C |
| Mud Creek | (T.108, 109, R.20, 21) | 2C |
| Pine Creek | (T.112, 113, R.17, 18) | 2C |
| Pleasant Valley Creek | (T.106, 107, R.6, 7) | 2C |
| Plum Creek | (T.108, R.15) | 2C |
| Prairie Creek | (T.110, 111, 112, R.18, 19, 20) | 2C |
| Riceford Creek Mabel | (T.101, R.8, S.24, 25, 26) | 7 |
| Salem Creek | (T.106, R.15, 16) | 2C |
| Shingle Creek | (T.109, 110, R.17) | 2C |
| Silver Creek (excluding trout waters) | (T.104, 105, R.6) | 2C |
| Silver Spring Creek | (T.108, 109, R.13) | 2C |
| Snake Creek | (T.109, R.10) | 2C |
| Sugar Creek (Sugarloaf Creek) | (T.111, 112, R.12, 13) | 2C |
| Sullivan Creek | (T.103, R.5) | 2C |
| Trout Brook (Mazeppa Creek) Goodhue | (T.110, R.15, S.3, 4; T.111, R.15, S.28, 33, 34) | 7 |
| Trout Creek, Little | (T.106, R.5, 6) | 2C |
| Trout Run Creek (Trout Creek) (excluding trout waters) | (T.104, 105, R.10) | 2C |

| | | |
|---|---|---|
| Unnamed Creek<br>Canton | (T.101, R.9, S.20) | 7 |
| Unnamed Creek<br>Byron | (T.107, R.15, S.17, 20, 29) | 7 |
| Unnamed Creek<br>Plainview | (T.108, R.11, S.16, 17, 20, 21, 22, 27, 34) | 7 |
| Unnamed Creek<br>West Concord | (T.108, R.17, S.17, 20, 21) | 7 |
| Unnamed Ditch<br>Claremont | (T.107, R.18, S.27, 34) | 7 |
| Unnamed Ditch<br>Lonsdale | (T.112, R.22, S.25, 35, 36) | 7 |
| Unnamed Ditch<br>Hampton | (T.113, R.18, S.5, 6; T.114, R.18, S.31) | 7 |
| Unnamed Dry Run<br>Altura | (T.107, R.9, S.7, 18) | 7 |
| Unnamed Dry Run<br>Owatonna<br>Owatonna Canning Co. | (T.107, R.20, S.6; T.107, R.21, S.1) | 7 |
| Unnamed Dry Run<br>Owatonna<br>Owatonna Canning Co. | (T.107, R.20, S.6; T.107, R.21, S.1) | 7 |
| Unnamed Stream<br>Dodge Center<br>Owatonna Canning Co. | (T.107, R.17, S.27, 34) | 7 |
| Whitewater River, North Fork<br>Elgin | (T.108, R.12, S.25, 26, 27) | 7 |

Lakes

| | | |
|---|---|---|
| Unnamed Marsh<br>Kilkenny | (T.110, R.23, S.22, 23) | 7 |
| Unnamed Swamp<br>Hampton | (T.113, R.18, S.8) | 7 |

Subp. 8. **Cedar-Des Moines Rivers Basin.**

Streams

| | | |
|---|---|---|
| Bancroft Creek | (T.103, 104, R.21) | 2C |
| Bear Creek (excluding Class 7 segment) | (Source to Iowa border) | 2C, 3B |
| Bear Creek, North<br>Spring Grove | (T.101, R.7, S.26, 27, 35) | 7 |
| Beaver Creek | (T.101, 102, R.13, 14) | 2C, 3B |
| Cedar River, Little | (Source to Iowa border) | 2C, 3B |
| Clear Creek | (T.102, R.4) | 2C |
| County Ditch No. 11<br>Sherburn | (T.101, R.32, S.4, 9, 10; T.102, R.32, S.7, 8, 16, 17, 21, 27, 28, 33, 34) | 7 |
| County Ditch No. 48<br>Conger | (T.102, R.22, S.19, 20; T.102, R.23, S.24, 25, 26, 35) | 7 |
| Deer Creek | (T.101, R.19, 20) | 2C, 3B |
| Dobbins Creek | (T.103, R.16, 17) | 2C |
| Goose Creek<br>Twin Lakes | (T.101, R.20, S.31; T.101, R.21, S.16, 17, 18, 21, | 7 |

| | | |
|---|---|---|
| | 22, 26, 27, 35, 36; T.101, R.22, S.12, 13) | |
| Heron Lake Outlet | (T.104, 105, R.37) | 2C |
| Iowa River, Little | (T.101, 102, R.14) | 2C |
| Jack Creek Wilmont | (T.104, R.41, S.25, 26, 30, 31, 32, 33, 34, 35, 36) | 7 |
| Lime Creek | (T.101, R.22, 23) | 2C, 3B |
| Murphy Creek | (T.103, R.18) | 2C |
| Okabena Creek (excluding Class 7 segment) | (T.102, 103, R.37, 38, 40) | 2C |
| Okabena Creek Worthington Worthington Lagoons and Allied Mills | (T.102, R.38, S.6, 7; T.102, R.39, S.7, 8, 9, 10, 11, 12, 14, 15, 16, 18; T.102, R.40, S.13) | 7 |
| Orchard Creek | (T.102, R.18, 19) | 2C |
| Pine Creek (excluding Class 7 segment) | (T.101, R.10) | 2C, 3B |
| Pine Creek Harmony | (T.101, R.9, S.31; T.101, R.10, S.24, 25, 36) | 7 |
| Roberts Creek | (T.103, 104, R.16, 17, 18) | 2C |
| Rose Creek | (T.102, 103, R.16, 17, 18) | 2C |
| Soldier Creek | (T.101, R.32, 33) | 2C, 3B |
| Turtle Creek | (T.103, R.18, 19, 20) | 2C |
| Unnamed Creek Spring Grove | (T.101, R.7, S.14, 22, 23, 27) | 7 |
| Unnamed Creek Emmons | (T.101, R.22, S.31) | 7 |
| Unnamed Creek Brownsdale | (T.103, R.17, S.4, 9) | 7 |
| Unnamed Creek Blooming Prairie | (T.104, R.18, S.5, 8, 9, 16; T.105, R.18, S.31) | 7 |
| Unnamed Creek Iona | (T.105, R.41, S.3, 4, 9; T.106, R.40, S.19, 29, 30, 32; T.106, R.41, S.24, 25, 26, 34, 35) | 7 |
| Wapsipinicon River | (T.101, R.15) | 2C, 3B |
| Waterloo Creek | (T.101, R.6, 7) | 1B, 2B, 3B |
| Wildcat Creek (excluding trout waters) | (T.103, R.4) | 2C |
| Wolf Creek | (T.103, R.16, 17, 18) | 2C |
| Woodbury Creek | (T.101, 102, R.18, 19) | 2C |

Subp. 9. **Missouri River Basin.**
Streams

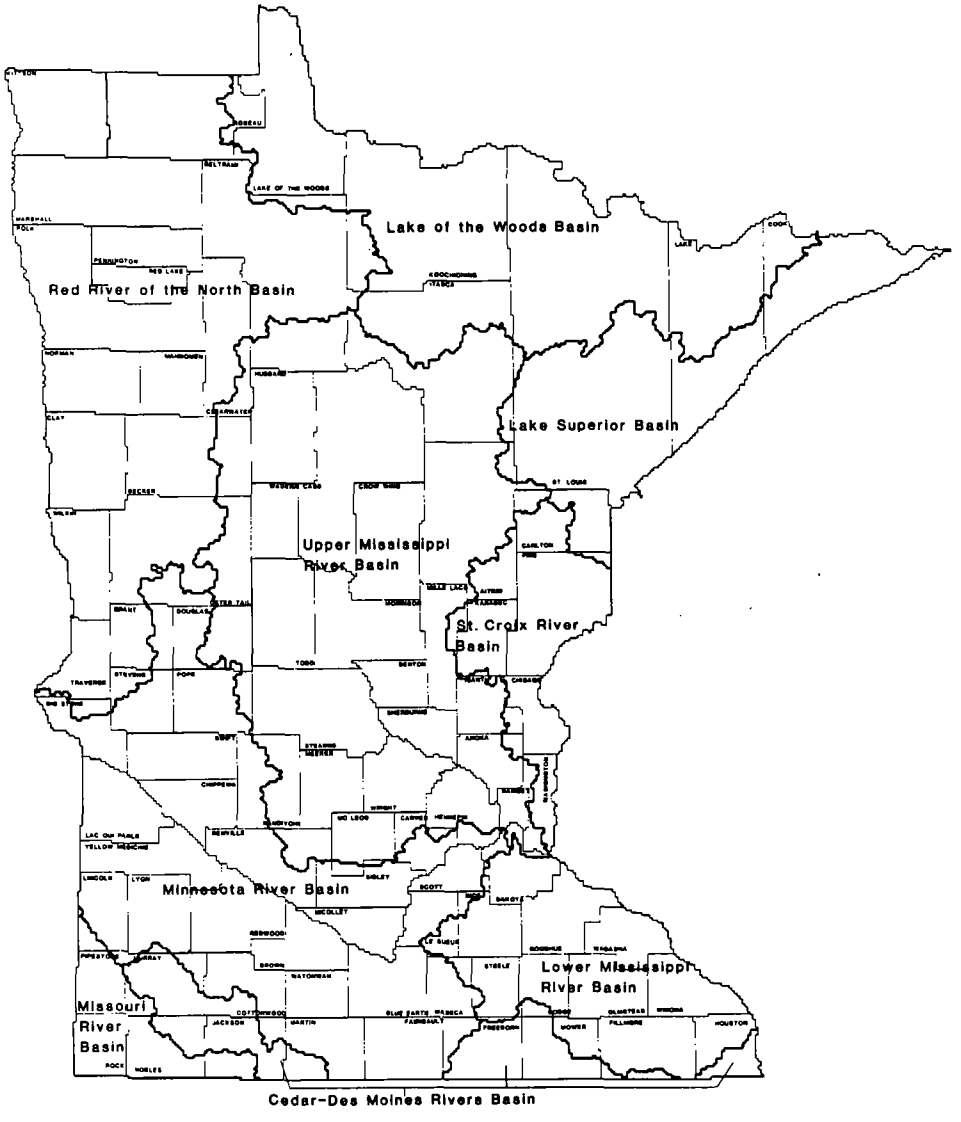
| | | |
|---|---|---|
| Ash Creek | (T.101, R.45) | 2C |
| Beaver Creek | (T.102, 103, 104, R.45, 46, 47) | 2C, 3B |
| Flandreau Creek (excluding Class 7 segment) | (T.107, 108, R.46, 47) | 2C, 3B |
| Flandreau Creek Lake Benton | (T.108, R.46, S.1, 2, 11; T.109, R.45, S.30, 31; | 7 |

| | | |
|---|---|---|
| | T.109, R.46, S.36) | |
| Kanaranzi Creek | (Source to Iowa border) | 2C, 3B |
| Medary Creek | (Source to South Dakota border) | 2C, 3B |
| Mound Creek | (T.103, 104, R.45) | 2C |
| Mud Creek | (T.101, 102, R.45, 46) | 2C, 3B |
| Pipestone Creek | (Source to South Dakota border) | 2C, 3B |
| Rock River (excluding Class 7 segment) | (Source to Iowa border) | 2C, 3B |
| Rock River Holland | (T.107, R.44, S.18, 19, 20, 29; T.107, R.45, S.12, 13) | 7 |
| Rock River, Little | (Source to Iowa border) | 2C, 3B |
| Sioux River, Little | (Source to Iowa border) | 2C, 3B |
| Sioux River, West Fork Little | (Source to Iowa border) | 2C, 3B |
| Skunk Creek | (T.101, 102, R.37, 38, 39) | 2C |
| Split Rock Creek | (Split Rock Lake outlet to South Dakota border) | 2C, 3B |
| Unnamed Creek Jasper | (T.104, R.46, S.6) | 7 |
| Unnamed Creek Hatfield | (T.105, R.44, S.6, 7, 8; T.105, R.45, S.1; T.106, R.45, S.36) | 7 |
| Unnamed Creek Hatfield | (T.106, R.45, S.34, 35, 36) | 7 |
| Unnamed Ditch Steen | (T.101, R.45, S.31, 32) | 7 |
| Unnamed Ditch Hills | (T.101, R.46, S.28, 33) | 7 |
| Unnamed Ditch Lake Benton | (T.109, R.45, S.17, 19, 20) | 7 |

**Statutory Authority:** *MS s 115.03; 115.44*

**History:** *9 SR 914*

**7050.0480 MAP: MAJOR SURFACE WATER DRAINAGE BASINS.**




**Statutory Authority:** *MS s 115.03; 115.44*
**History:** *9 SR 914*