

## CHAPTER 7065

### MINNESOTA POLLUTION CONTROL AGENCY

### EFFLUENT STANDARDS FOR DISPOSAL SYSTEMS

<b>INTRASTATE WATERS OF LAKE SUPERIOR DRAINAGE BASIN AND INTERSTATE WATERS OF LAKE ST. CROIX</b>		7065.0120	SEVERABILITY.
7065.0010	PURPOSE AND SCOPE.	7065.0130	STANDARDS OF EFFLUENT QUALITY AND PURITY.
7065.0020	DEFINITIONS.	7065.0140	MONTHLY REPORTS.
7065.0030	SEVERABILITY.	7065.0150	DETERMINATION OF COMPLIANCE.
7065.0040	STANDARD OF EFFLUENT QUALITY AND PURITY.	7065.0160	VARIANCE FROM STANDARDS.
7065.0050	MONTHLY REPORTS.	<b>ST. CROIX RIVER FROM WISCONSIN BORDER CROSSING TO TAYLORS FALLS</b>	
7065.0060	DETERMINATION OF COMPLIANCE.	7065.0200	SCOPE.
7065.0070	VARIANCE FROM STANDARD.	7065.0210	DEFINITIONS.
<b>ST. LOUIS RIVER, MISSISSIPPI RIVER, LITTLE MINNESOTA RIVER, BIG STONE LAKE, AND ALBERT LEA LAKE</b>		7065.0220	SEVERABILITY.
7065.0100	SCOPE.	7065.0230	STANDARDS OF EFFLUENT QUALITY AND PURITY.
7065.0110	DEFINITIONS.	7065.0240	MONTHLY REPORTS.
		7065.0250	DETERMINATION OF COMPLIANCE.
		7065.0260	VARIANCE FROM STANDARDS.

#### INTRASTATE WATERS OF LAKE SUPERIOR DRAINAGE BASIN AND INTERSTATE WATERS OF LAKE ST. CROIX

##### **7065.0010 PURPOSE AND SCOPE.**

The following standard of effluent quality and purity is hereby adopted and established for all of the intrastate waters of the state lying within the drainage basin of Lake Superior in the counties of Aitkin, Carlton, Cook, Itasca, Lake, Pine, and St. Louis (Townships 45-65 North, Ranges 7 East -- 23 West), and for the interstate waters of Lake St. Croix in Washington County (Townships 26-30 North, Range 20 West). This standard requirement shall be in addition to the standards imposed by any other regulations applying to these waters, and shall supersede any conflicting provisions.

**Statutory Authority:** *MS s 115.03 subd 1*

##### **7065.0020 DEFINITIONS.**

The terms "person," "sewage," "industrial wastes," "other wastes," "treatment works," "disposal systems," and "waters of the state," as well as any other pertinent terms for which definitions are given in the water pollution control statutes, as used herein have the meanings ascribed to them in Minnesota Statutes, chapters 115 and 116.

"Intrastate waters" include all of the waters of the state except interstate waters as defined in the Federal Water Pollution Control Act as amended by United States Code, title 33, sections 466 et seq., section 13(e). Thus the intrastate waters are all of the waters of the state that do not flow across or form a part of the state boundary. Other terms and abbreviations used herein not specifically defined in the law shall be construed in conformance with the context and professional usage.

**Statutory Authority:** *MS s 115.03 subd 1*

##### **7065.0030 SEVERABILITY.**

The provisions of this rule shall be severable and the invalidity of any lettered paragraph or any subparagraph or subdivision thereof shall not make void any other lettered paragraph, subparagraph, subdivision, or any other part thereof.

**Statutory Authority:** *MS s 115.03 subd 1*

##### **7065.0040 STANDARD OF EFFLUENT QUALITY AND PURITY.**

Except as otherwise provided herein it is hereby established as a minimum requirement applicable to all persons operating or causing to be operated or in any way

# MINNESOTA RULES 2005

1441

## EFFLUENT STANDARDS FOR DISPOSAL SYSTEMS 7065.0100

responsible for the operation of a disposal system which discharges sewage, industrial waste, or other wastes directly to the above delineated waters, or which may affect these waters, that all effluents shall be treated prior to discharge so as to meet the following limiting permissible concentration:

Substance or Characteristic	Limiting Concentration
Phosphorus	1 milligram per liter

**Statutory Authority:** *MS s 115.03 subd 1*

### 7065.0050 MONTHLY REPORTS.

All persons operating sewage, industrial waste, or other waste disposal systems adjacent to or discharging to the waters covered by parts 7065.0010 to 7065.0070 shall submit every month a report to the Minnesota Pollution Control Agency on the operation of such disposal system, the effluent flow, and the characteristics and concentration 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 reflect adequately the condition of the disposal system, the effluent, and the waters receiving the effluent.

**Statutory Authority:** *MS s 115.03 subd 1*

### 7065.0060 DETERMINATION OF COMPLIANCE.

In making tests or analyses of the 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 satisfactory by the agency. No allowance will be made for dilution of the effluents in the waters of the state into which they are discharged. The samples shall be preserved and analyzed in accordance with procedures given in 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 which is in effect on February 4, 1971, or other methods acceptable to the agency.

**Statutory Authority:** *MS s 115.03 subd 1*

### 7065.0070 VARIANCE FROM STANDARD.

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

**Statutory Authority:** *MS s 115.03 subd 1*

### ST. LOUIS RIVER, MISSISSIPPI RIVER, LITTLE MINNESOTA RIVER, BIG STONE LAKE, AND ALBERT LEA LAKE

### 7065.0100 SCOPE.

The following standards of effluent quality and purity are hereby adopted and established for the waters of the St. Louis River from its source at Seven Beaver Lake (Township 58 North, Range 12 West) to and including St. Louis Bay (Townships 49 and 50 North, Ranges 14 and 15 West) and Superior Bay (Townships 49 and 50 North, Ranges 13 and 14 West), the Mississippi River from its source to the Blandin dam at

# MINNESOTA RULES 2005

## 7065.0100 EFFLUENT STANDARDS FOR DISPOSAL SYSTEMS

1442

the outlet of Paper Mill Reservoir in the City of Grand Rapids approximately 400 feet upstream from the bridge on United States Highway 169 including Lake Andrusia (Township 146 North, Range 31 West), Lake Bemidji (Townships 146 and 147 North, Range 33 West), Cass Lake (Townships 145 and 146 North, Ranges 30 and 31 West), Lake Itasca (Township 143 North, Range 36 West), Pokegama Lake (Townships 54 and 55 North, Ranges 25 and 26 West), and Winnibigoshish Lake (Townships 145, 146, and 147 North, Ranges 27, 28, and 29 West), the Little Minnesota River and Big Stone Lake from the South Dakota border crossing to the outlet of Big Stone Lake at the dam immediately upstream from the United States Highway 12 bridge in Ortonville, and Albert Lea Lake (Township 102 North, Ranges 20 and 21 West) in Freeborn County.

**Statutory Authority:** *MS s 115.03 subd 1*

### 7065.0110 DEFINITIONS.

The terms "person," "sewage," "industrial wastes," "other wastes," "treatment works," "disposal systems," and "waters of the state," as well as any other pertinent terms for which definitions are given in the water pollution control statutes, as used herein have the meanings ascribed to them in Minnesota Statutes, chapters 115 and 116. Other terms and abbreviations used herein not specifically defined in the law shall be construed in conformance with the context and professional usage.

**Statutory Authority:** *MS s 115.03 subd 1*

### 7065.0120 SEVERABILITY.

The provisions of this rule shall be severable and the invalidity of any lettered paragraph or any subparagraph or subdivision thereof shall not make void any other lettered paragraph, subparagraph, subdivision or any other part thereof.

**Statutory Authority:** *MS s 115.03 subd 1*

### 7065.0130 STANDARDS OF EFFLUENT QUALITY AND PURITY.

Except as otherwise provided herein it is hereby established as a requirement applicable to all persons operating or causing to be operated or in any way responsible for the operation of a disposal system which discharges sewage, industrial waste, or other wastes directly to the above delineated waters, or which may affect these waters, that all effluents shall be treated prior to discharge so as to meet any or all of the following limiting permissible concentrations:

Substance or Characteristic	Limiting Concentration
5-day biochemical oxygen demand	25 milligrams per liter
Total suspended solids	30 milligrams per liter
Fecal coliform group organisms	200 most probable number per 100 milliliters
Total coliform group organisms*	1,000 most probable number per 100 milliliters
Pathogenic organisms	None
Oil	Essentially free of visible oil
Turbidity value	25
pH	6.5-8.5
Phosphorus	1 milligram per liter
Unspecified toxic or corrosive substances	None at levels acutely toxic to humans or other animals or plant life, or directly damaging to real property.

\*May be used as the control parameter in lieu of fecal coliforms if desired.

**Statutory Authority:** *MS s 115.03 subd 1*

# MINNESOTA RULES 2005

1443

## EFFLUENT STANDARDS FOR DISPOSAL SYSTEMS 7065.0210

### 7065.0140 MONTHLY REPORTS.

All persons operating sewage, industrial waste, or other waste disposal systems adjacent to or discharging to the waters covered by parts 7065.0100 to 7065.0160 shall submit every month a report to the Minnesota Pollution Control Agency on the operation of such disposal system, the effluent flow, and the characteristics and concentration of the effluent 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 reflect adequately the condition of the disposal system, the effluent, and the waters receiving the effluent.

**Statutory Authority:** *MS s 115.03 subd 1*

### 7065.0150 DETERMINATION OF COMPLIANCE.

In making tests or analyses of the 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 satisfactory by the agency. No allowance will be made for dilution of the effluents in the waters of the state into which they are discharged. The samples shall be preserved and analyzed in accordance with procedures given in 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 which is in effect on February 4, 1971, or other methods acceptable to the agency.

For the purpose of determining compliance with these parts the characteristics of the sewage, industrial waste, or other wastes to be controlled shall be construed to be those which are attributable to changes resulting from the use or conveyance of surface water by an industry, or other person within the meaning of the statute.

**Statutory Authority:** *MS s 115.03 subd 1*

### 7065.0160 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; or that strict conformity with the standards would be unreasonable, impractical, or not feasible under the circumstances, the agency in its discretion may permit a variance therefrom upon such conditions as it may prescribe for the prevention, control, or abatement of pollution in harmony with the general purpose of these standards and the intent of the applicable state and national laws.

**Statutory Authority:** *MS s 115.03 subd 1*

## ST. CROIX RIVER FROM WISCONSIN BORDER CROSSING TO TAYLORS FALLS

### 7065.0200 SCOPE.

The following standards of effluent quality and purity are hereby adopted and established for the waters of the St. Croix River from the Wisconsin border crossing (Section 31, Township 42 North, Range 15 West), to the Northern States Power Company Dam in Taylors Falls, approximately at the eastward extension of the boundary between sections 24 and 25 Shafer Township, Chisago County.

**Statutory Authority:** *MS s 115.03 subd 1*

### 7065.0210 DEFINITIONS.

The terms "person," "sewage," "industrial wastes," "other wastes," "treatment works," "disposal systems," and "waters of the state," as well as any other pertinent terms for which definitions are given in the water pollution control statutes, as used herein have the meanings ascribed to them in Minnesota Statutes, chapters 115 and

# MINNESOTA RULES 2005

## 7065.0210 EFFLUENT STANDARDS FOR DISPOSAL SYSTEMS

1444

116. Other terms and abbreviations used herein not specifically defined in the law shall be construed in conformance with the context and professional usage.

**Statutory Authority:** *MS s 115.03 subd 1*

### 7065.0220 SEVERABILITY.

The provisions of this rule shall be severable and the invalidity of any lettered paragraph or any subparagraph or subdivision thereof shall not make void any other lettered paragraph, subparagraph, subdivision, or any other part thereof.

**Statutory Authority:** *MS s 115.03 subd 1*

### 7065.0230 STANDARDS OF EFFLUENT QUALITY AND PURITY.

Except as otherwise provided herein it is hereby established as a minimum requirement applicable to all persons operating or causing to be operated or in any way responsible for the operation of a disposal system which discharges sewage, industrial waste, or other wastes to the above delineated waters, or which may affect these waters, that all effluents shall be treated prior to discharge so as to meet any or all of the following limiting permissible concentrations:

Substance or Characteristic	Limiting Concentration
5-day biochemical oxygen demand	25 milligrams per liter
Total suspended solids	30 milligrams per liter
Fecal coliform group organisms	10 most probable number per 100 milliliters
Total coliform group organisms*	50 most probable number per 100 milliliters
Pathogenic organisms	None
Oil	Essentially free of visible oil
Turbidity value	10
pH	6.5-8.5
Unspecified toxic or corrosive substances	None at levels acutely toxic to humans or other animals or plant life, or directly damaging to real property.

\*May be used as the control parameter in lieu of fecal coliforms if desired.

**Statutory Authority:** *MS s 115.03 subd 1*

### 7065.0240 MONTHLY REPORTS.

All persons operating sewage, industrial waste, or other waste disposal systems adjacent to or discharging to the waters covered by parts 7065.0200 to 7065.0260 shall submit every month a report to the Minnesota Pollution Control Agency on the operation of such disposal system, the effluent flow, and the characteristics and concentration of the effluents and receiving waters. Sufficient data on measurements, observations, sampling, and analyses and other pertinent information shall be furnished and may be required by the agency to reflect adequately the condition of the disposal system, the effluent, and the waters receiving the effluent.

**Statutory Authority:** *MS s 115.03 subd 1*

### 7065.0250 DETERMINATION OF COMPLIANCE.

In making tests or analyses of the 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 satisfactory by the agency. No allowance will be made for dilution of the effluents in the waters of the state into which they are discharged. The samples shall be preserved and analyzed

# MINNESOTA RULES 2005

1445

## EFFLUENT STANDARDS FOR DISPOSAL SYSTEMS 7065.0260

in accordance with procedures given in 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, which is in effect on February 4, 1971, or other methods acceptable to the agency.

**Statutory Authority:** *MS s 115.03 subd 1*

### **7065.0260 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; or that strict conformity with the standards would be unreasonable, impractical, or not feasible under the circumstances, the agency in its discretion may permit a variance therefrom upon such conditions as it may prescribe for the prevention, control, or abatement of pollution in harmony with the general purposes of these standards and the intent of the applicable state and national laws.

**Statutory Authority:** *MS s 115.03 subd 1*

**7065.0300** [Repealed, 12 SR 1810]

**7065.0310** [Repealed, 12 SR 1810]

**7065.0320** [Repealed, 12 SR 1810]

**7065.0330** [Repealed, 12 SR 1810]

**7065.0340** [Repealed, 12 SR 1810]

**7065.0350** [Repealed, 12 SR 1810]

**7065.0400** [Repealed, 12 SR 1810]

**7065.0410** [Repealed, 12 SR 1810]

**7065.0420** [Repealed, 12 SR 1810]

**7065.0430** [Repealed, 12 SR 1810]

**7065.0440** [Repealed, 12 SR 1810]

**7065.0450** [Repealed, 12 SR 1810]