

## Attachment 1. Excerpted Laws Relating to Wild Rice Rulemaking.

### Laws of Minnesota 2015, First Special Session ch. 4, article 4, section 136

#### WILD-RICE WATER QUALITY STANDARDS.

- (a) *Until the commissioner of the Pollution Control Agency amends rules refining the wild-rice water quality standard in Minnesota Rules, part 7050.0224, subpart 2, to consider all independent research and publicly funded research and to include criteria for identifying waters and a list of waters subject to the standard, implementation of the wild-rice water quality standard in Minnesota Rules, part 7050.0224, subpart 2, shall be limited to the following, unless the permittee requests additional conditions:*
- (1) *when issuing, modifying, or renewing national pollutant discharge elimination system (NPDES) or state disposal system (SDS) permits, the agency shall endeavor to protect wild rice, and in doing so shall be limited by the following conditions:*
- (i) *the agency shall not require permittees to expend money for design or implementation of sulfate treatment technologies or other forms of sulfate mitigation; and*
  - (ii) *the agency may require sulfate minimization plans in permits; and*
- (2) *the agency shall not list waters containing natural beds of wild rice as impaired for sulfate under section 303(d) of the federal Clean Water Act, United States Code, title 33, section 1313, until the rulemaking described in this paragraph takes effect.*
- (b) *Upon the rule described in paragraph (a) taking effect, the agency may reopen permits issued or reissued after the effective date of this section as needed to include numeric permit limits based on the wild-rice water quality standard.*
- (c) *The commissioner shall complete the rulemaking described in paragraph (a) by January 15, 2018.*

### Laws of Minnesota, 2011 First Special Session, ch.2, article 4, section 32

#### WILD RICE RULEMAKING AND RESEARCH.

(a) *Upon completion of the research referenced in paragraph (d), the commissioner of the Pollution Control Agency shall initiate a process to amend Minnesota Rules, chapter 7050. The amended rule shall:*

- (1) *address water quality standards for waters containing natural beds of wild rice, as well as for irrigation waters used for production of wild rice;*
- (2) *designate each body of water, or specific portion thereof, to which wild rice water quality standards apply; and*
- (3) *designate the specific times of year during which the standard applies.*

*Nothing in this paragraph shall prevent the Pollution Control Agency from applying the narrative standard for all class 2 waters established in Minnesota Rules, part 7050.0150, subpart 3.*

(b) *"Waters containing natural beds of wild rice" means waters where wild rice occurs naturally. Before designating waters containing natural beds of wild rice as waters subject to a standard, the commissioner of the Pollution Control Agency shall establish criteria for the waters after consultation with the Department of Natural Resources, Minnesota Indian tribes, and other interested parties and after public notice and comment. The criteria shall include, but not be limited to, history of wild rice harvests, minimum acreage, and wild rice density.*

(c) *Within 30 days of the effective date of this section, the commissioner of the Pollution Control Agency must create an advisory group to provide input to the commissioner on a protocol for scientific research to assess the impacts of sulfates and other substances on the growth of wild rice, review research results, and provide other advice on the*

*development of future rule amendments to protect wild rice. The group must include representatives of tribal governments, municipal wastewater treatment facilities, industrial dischargers, wild rice harvesters, wild rice research experts, and citizen organizations.*

*(d) After receiving the advice of the advisory group under paragraph (c), consultation with the commissioner of natural resources, and review of all reasonably available and applicable scientific research on water quality and other environmental impacts on the growth of wild rice, the commissioner of the Pollution Control Agency shall adopt and implement a wild rice research plan using the money appropriated to contract with appropriate scientific experts. The commissioner shall periodically review the results of the research with the commissioner of natural resources and the advisory group.*

*(e) From the date of enactment until the rule amendment under paragraph (a) is finally adopted, to the extent allowable under the federal Clean Water Act or other federal laws, the Pollution Control Agency shall exercise its authority under federal and state laws and regulations to ensure, to the fullest extent possible, that no permittee is required to expend funds for design and implementation of sulfate treatment technologies. Nothing shall prevent the Pollution Control Agency from including in a schedule of compliance a requirement to monitor sulfate concentrations in discharges and, if appropriate, based on site-specific conditions, a requirement to implement a sulfate minimization plan to avoid or minimize sulfate concentrations during periods when wild rice may be susceptible to damage.*

*(f) If the commissioner of the Pollution Control Agency determines that amendments to Minnesota Rules are necessary to ensure that no permittee is required to expend funds for design and implementation of sulfate treatment technologies until after the rule amendment described in paragraph (a) is complete, the commissioner may use the good cause exemption under Minnesota Statutes, section 14.388, subdivision 1, clause (3), to adopt rules necessary to implement this section, and Minnesota Statutes, section 14.386, does not apply, except as provided in Minnesota Statutes, section 14.388.*

*(g) Upon completion of the rule amendment described in paragraph (a), the Pollution Control Agency shall, if necessary, modify the discharge limits in the affected wastewater discharge permits to reflect the new standards in accordance with state and federal regulations and shall exercise its powers to enter into schedules of compliance in the permits.*

*(h) By December 15, 2011, the commissioner of the Pollution Control Agency shall submit a report to the chairs and ranking minority members of the environment and natural resources committees of the house of representatives and senate on the status of implementation of this section. The report must include an estimated timeline for completion of the wild rice research plan and initiation and completion of the formal rulemaking process under Minnesota Statutes, chapter 14.*

#### **Laws of Minnesota, 2017 Regular Session, ch. 93, article 2, section 149**

Laws 2015, First Special Session chapter 4, article 4, section 136, is amended to read:

#### **Sec. 136. WILD RICE WATER QUALITY STANDARDS.**

(a) Until the commissioner of the Pollution Control Agency amends rules refining the wild rice water quality standard in Minnesota Rules, part 7050.0224, subpart 2, to consider all independent research and publicly funded research and to include criteria for identifying waters and a list of waters subject to the standard, implementation of the wild rice water quality standard in Minnesota Rules, part 7050.0224, subpart 2, shall be limited to the following, unless the permittee requests additional conditions:

(1) when issuing, modifying, or renewing national pollutant discharge elimination system (NPDES) or state disposal system (SDS) permits, the agency shall endeavor to protect wild rice, and in doing so shall be limited by the following conditions:

(i) the agency shall not require permittees to expend money for design or implementation of sulfate treatment technologies or other forms of sulfate mitigation; and

(ii) the agency may require sulfate minimization plans in permits; and

(2) the agency shall not list waters containing natural beds of wild rice as impaired for sulfate under section 303(d) of the federal Clean Water Act, United States Code, title 33, section 1313, until the rulemaking described in this paragraph takes effect.

(b) Upon the rule described in paragraph (a) taking effect, the agency may reopen permits issued or reissued after the effective date of this section as needed to include numeric permit limits based on the wild rice water quality standard.

(c) The commissioner shall complete the rulemaking described in paragraph (a) by January 15, ~~2018~~ 2019.

## **Attachment 2. Proposed Waters by Basin and the Sources Used to Demonstrate the Beneficial Use**

This attachment to the Statement of Need and Reasonableness includes all of the basins where proposed wild rice waters are located. The wild rice waters in each basin are organized by watersheds and include:

- The name of the waterbody
- The county in which the waterbody is located
- The Water Identification Number (WID)
- The water type
- Whether the water is currently listed in Minn. R. pt. 7050.0470 as a wild rice water [WR]
- Identification of the source(s) of information the MPCA is relying on as a basis for listing the water body as a wild rice water.

A key to the codes used to identify the sources of information is provided for each basin.

### **Contents**

Lake Superior Basin.....	2
Lower Mississippi Basin.....	8
Minnesota River Basin .....	10
Rainy River -Lake of the Woods Basin.....	12
Red River of the North Basin.....	19
St. Croix River Basin .....	24
Upper Mississippi Basin .....	27

# Lake Superior Basin

## Key for sources in Table

Source	Abbreviation for Source
Natural Wild Rice in Minnesota—A Wild Rice Study Report to the Legislature	MDNR 2008a, MDNR 2008b
Minnesota DNR Wild Rice Harvester Survey Report	2007
Minnesota Wild Rice Management Workgroup List of 350 Important Wild Rice Waters	2010
1854 Treaty Authority List of Wild Rice Waters (3/24/16 version)	1854 List
MDNR Aquatic Plant Management Database	MDNR APM
MPCA Biomonitoring Field Sites	MPCA Biomon
University of Minnesota/MPCA Wild Rice Study Field Survey Sites	U of M/MPCA 2013
Minnesota Biological Survey Database	MBS 2011, MBS 2017
MPCA 2013 Call for Data	MPCA 2013
Permittee Monitoring	Permittee
WR Waters (7050.0470)	7050.047
Waters identified by MDNR in 2015 as wild rice waters	MDNR 2015
Waters identified through MPCA review of various water surveys	Survey

MDNR 2008a indicates waters in MDNR 2008 report with greater than or equal to 2 acres of wild rice.

MDNR 2008b indicates waters in MDNR 2008 report with estimates of less than 2 acres of wild rice or without acreage estimates.

### 04010101 Lake Superior - North (3/21/2017)

Name	County	WID	Water Type	7050.0470	Source(s)
Baker Lake	Cook	16-0486-00	Lake		1854 List, MPCA 2013
Bigsby Lake	Cook	16-0344-00	Lake		1854 List, MDNR 2008b
Bluebill Lake	Lake	38-0261-00	Lake	[WR]	1854 List, 7050.0470, MDNR 2008a
Bower Trout Lake	Cook	16-0175-00	Lake		1854 List
Brule River	Cook	04010101-502	Stream		1854 List
Cabin Lake	Lake	38-0260-00	Lake	[WR]	1854 List, 2007, 7050.0470, MDNR 2008a, 2010
Caribou Lake	Cook	16-0360-00	Lake	[WR]	1854 List, MDNR 2008a
Christine Lake	Cook	16-0373-00	Lake	[WR]	1854 List, 7050.0470, MDNR 2008a
Cramer Homestead Lake	Lake	38-0246-00	Lake		1854 List, MPCA 2013
Cramer Lake	Lake	38-0014-00	Lake		1854 List, 2007, MDNR 2008a, 2010
Crooked Lake	Lake	38-0024-00	Lake		1854 List, MDNR 2008b
Cross River Lake	Lake	38-0002-00	Lake		1854 List, MPCA 2013
Crown Lake	Lake	38-0419-00	Lake		1854 List, MDNR 2008b
Cuffs Lake	Cook	16-0006-00	Lake		1854 List, MDNR 2008b
Dick Lake	Cook	16-0157-00	Lake		1854 List
East Pipe Lake	Cook	16-0386-00	Lake		1854 List, MPCA 2013
Elbow Lake	Cook	16-0096-00	Lake		1854 List, 2007, MDNR 2008a, 2010
Fourmile Lake	Cook	16-0639-00	Lake	[WR]	1854 List, 7050.0470, MDNR 2008a, 2010
Grassy Lake	Cook	16-0390-00	Lake		1854 List, MDNR 2008b
Gust Lake	Cook	16-0380-00	Lake		1854 List

**04010101 Lake Superior - North (3/21/2017)**

Name	County	WID	Water Type	7050.0470	Source(s)
Hoist Creek	Lake	04010101-D81	Stream		1854 List
Hoist Lake	Lake	38-0251-00	Lake		1854 List, 2007, MDNR 2008b, 2010
Jack Lake	Cook	16-0521-00	Lake		1854 List, MDNR 2008a
John Lake	Cook	16-0035-00	Lake		1854 List, MDNR 2008b, MPCA 2013
Kelly Lake	Cook	16-0476-00	Lake		1854 List, MDNR 2008a, 2010
Kelso Lake	Cook	16-0706-00	Lake		MPCA 2013
Kowalski Lake	Lake	38-0016-00	Lake		1854 List, MPCA 2013
Little John Lake	Cook	16-0026-00	Lake		1854 List, MPCA 2013
Mark Lake	Cook	16-0250-00	Lake		1854 List, 2007, MDNR 2008b, 2010
Marsh Lake	Cook	16-0048-00	Lake		1854 List, MPCA 2013
Marsh Lake	Cook	16-0488-00	Lake	[WR]	1854 List, 2007, 7050.0470, MDNR 2008a, 2010
Merganser Lake	Cook	16-0107-00	Lake		1854 List
Moore Lake	Cook	16-0489-00	Lake	[WR]	1854 List, 7050.0470, MDNR 2008a, 2010
Moose Lake	Lake	38-0036-00	Lake		1854 List, MDNR 2008b, 2010
Mt. Maud Wetland	Cook	16-0914-00	Wetland		1854 List, MDNR 2008b
North Fowl Lake	Cook	16-0036-00	Lake		1854 List, MDNR 2008b, 2010
North Wigwam	Cook	16-0804-00	Lake		MPCA 2013
Northern Light Lake	Cook	16-0089-00	Lake	[WR]	1854 List, 7050.0470, MDNR 2008a, 2010
Otter Lake	Cook	16-0032-00	Lake		1854 List, MPCA 2013
Peterson Lake	Cook	16-0478-00	Lake		1854 List, MDNR 2008b
Pigeon River	Cook	04010101-501	Stream		1854 List
Prout Lake	Cook	16-0013-00	Lake		1854 List, MDNR 2008b
Rice Lake	Cook	16-0453-00	Lake	[WR]	1854 List, 2007, 7050.0470, MDNR 2008a, 2010
Richey Lake	Cook	16-0643-00	Lake		1854 List, MDNR 2008b
Round Island Lake	Lake	38-0417-00	Lake	[WR]	1854 List, 2007, 7050.0470, MDNR 2008a, 2010
Royal Lake	Cook	16-0025-00	Lake		1854 List
Royal River	Cook	04010101-D75	Stream		1854 List, MDNR 2008b
Sonju Lake	Lake	38-0248-00	Lake		1854 List
South Fowl Lake	Cook	16-0034-00	Lake		1854 List, MDNR 2008b, 2010
South Wigwam Lake	Lake	38-0001-00	Lake		1854 List, MPCA 2013
Swamp Lake	Cook	16-0009-00	Lake		1854 List, MDNR 2008b
Swamp Lake	Cook	16-0256-00	Lake		1854 List
Swamp River Reservoir	Cook	16-0901-00	Lake	[WR]	1854 List, 7050.0470, MDNR 2008a, 2010
Teal Lake	Cook	16-0003-00	Lake		1854 List, MDNR 2008b
Temperance River	Cook	04010101-610	Stream		1854 List, MDNR 2008b
Toohey Lake	Cook	16-0645-00	Lake		1854 List, MDNR 2008b
Turtle Lake	Cook	16-0251-00	Lake		1854 List, 2007, MDNR 2008b
Twentythree Lake	Lake	38-0247-00	Lake		1854 List, MPCA 2013

**04010101 Lake Superior - North (3/21/2017)**

Name	County	WID	Water Type	7050.0470	Source(s)
Two Island Lake	Cook	16-0156-00	Lake		1854 List
Unnamed (Grd Portage)	Cook	04010101-757	Stream		1854 List
Vern River	Cook	04010101-899	Stream		1854 List, MPCA 2013
White Pine Lake	Cook	16-0369-00	Lake	[WR]	1854 List, 7050.0470, MDNR 2008b
Wonder Lake	Cook	16-0664-00	Lake		1854 List, MPCA 2013

**04010102 Lake Superior - South (3/21/2017)**

Name	County	WID	Water Type	7050.0470	Source(s)
Christianson Lake	Lake	38-0750-00	Lake		1854 List, MDNR 2008b
Eagle Lake	St. Louis	69-0238-00	Lake		MPCA 2013

**04010201 St. Louis River (3/21/2017)**

Name	County	WID	Water Type	7050.0470	Source(s)
Anchor Lake	St. Louis	69-0641-00	Lake		1854 List, MDNR 2008a, 2010
Andy Lake	St. Louis	69-0618-00	Lake		1854 List, MPCA 2013
Artichoke Lake	St. Louis	69-0623-00	Lake	[WR]	1854 List, 7050.0470, MDNR 2008b
Bang Lake	Carlton	09-0046-00	Lake		1854 List, MDNR 2008b
Bug Creek	St. Louis	04010201-545	Stream		1854 List
Bug (Whitchel) Lake	St. Louis	69-0531-00	Lake		1854 List, MDNR 2008a, 2010
Butterball (Long) Lake	St. Louis	69-0044-00	Lake	[WR]	1854 List, 2007, 7050.0470, MDNR 2008a, 2010
Cedar Island Lake	St. Louis	69-0568-00	Lake		1854 List
Cedar Lake	Carlton	09-0031-00	Lake		1854 List, MDNR 2008a
Comet Lake	St. Louis	69-0267-00	Lake		1854 List, MDNR 2008b
Cranberry Lake	St. Louis	69-0147-00	Lake		1854 List, MDNR 2008b
Dead Fish Lake	Carlton	09-0051-00	Lake		1854 List, 2007, MDNR 2008a, 2010, UofM/MPCA 2013
Dollar Lake	St. Louis	69-0534-00	Lake		1854 List, MDNR 2008a, 2010
East Stone Lake	St. Louis	69-0638-00	Lake		1854 List, MDNR 2008b, 2010
Elliott Lake	St. Louis	69-0642-00	Lake		1854 List, MDNR 2008a
Embarrass Lake	St. Louis	69-0496-00	Lake		1854 List UofM/MPCA 2013
Embarrass River	St. Louis	04010201-577	Stream		1854 List, 2007, MDNR 2008b, Permittee
Embarrass River	St. Louis	04010201-579	Stream		1854 List, Permittee
Esquagama Lake	St. Louis	69-0565-00	Lake		1854 List
Fourth Lake	St. Louis	69-0573-00	Lake		1854 List
Gill Lake	St. Louis	69-0667-00	Lake		1854 List, MDNR 2008b
Grass Lake	St. Louis	69-0776-00	Lake		1854 List, MDNR 2008b
Hardwood Lake	Carlton	09-0030-00	Lake		1854 List, MDNR 2008a
Hay Lake	St. Louis	69-0150-00	Lake		1854 List, MDNR 2008b
Hay Lake	St. Louis	69-0417-00	Lake		1854 List, 2007, MDNR 2008a, 2010

04010201 St. Louis River (3/21/2017)

Name	County	WID	Water Type	7050.0470	Source(s)
Hay Lake	St. Louis	69-0435-00	Lake	[WR]	1854 List, 7050.0470, MDNR 2008a, 2010, MDNR APM
Hay Lake	St. Louis	69-0439-00	Lake		1854 List, MDNR 2008b
Hay Lake	St. Louis	69-0441-00	Lake		1854 List, MDNR 2008b
Hush Lake	St. Louis	69-0988-00	Lake		1854 List
Jaskari Lake	Carlton	09-0050-00	Lake		1854 List, MDNR 2008a, 2010
Kingburg Lake	St. Louis	69-0771-00	Lake		1854 List, MPCA 2013
Leeman Lake	St. Louis	69-0875-00	Lake		1854 List, MDNR 2008a, 2010
Little Birch Lake	St. Louis	69-0271-00	Lake		1854 List, MDNR 2008b
Lobo Lake	Lake	38-0766-00	Lake		1854 List, MDNR 2008a, 2010
Martin Lake	St. Louis	69-0768-00	Lake		1854 List, MDNR 2008b
Miller Lake	Carlton	09-0053-00	Lake		1854 List, MDNR 2008a, 2010
Mogie Lake	St. Louis	69-0391-00	Lake		1854 List, MPCA 2013
Moose Lake	St. Louis	69-0442-00	Lake		1854 List, MPCA 2013, MDNR APM
Mud (Black Mallard) Lake	St. Louis	69-0047-00	Lake		1854 List, MDNR 2008b
Mud Hen Lake	St. Louis	69-0494-00	Lake		1854 List, MDNR 2008b, MPCA 2013
Mud Lake	St. Louis	69-0151-00	Lake		1854 List, MDNR 2008b
Mud Lake	St. Louis	69-0652-00	Lake		1854 List, Permittee
Nichols Lake	St. Louis	69-0627-00	Lake		1854 List, MDNR 2008a
Partridge River	St. Louis	04010201-552	Stream		1854 List, 2010, UofM/MPCA 2013, Permittee
Perch Lake	Carlton	09-0036-00	Lake		1854 List, MDNR 2008a, 2010
Perch Lake	St. Louis	69-0688-00	Lake		1854 List, MDNR 2008a
Pine Lake	St. Louis	69-0001-00	Lake		1854 List
Rice Portage Lake	Carlton	09-0037-00	Lake		1854 List, 2007, MDNR 2008a, 2010
Round Lake	St. Louis	69-0048-00	Lake	[WR]	1854 List, 7050.0470, MDNR 2008b
Round Lake	St. Louis	69-0649-00	Lake		1854 List, Permittee
Second Creek	St. Louis	04010201-952	Stream		1854 List UofM/MPCA 2013, Permittee
Seven Beaver Lake	St. Louis	69-0002-00	Lake	[WR]	1854 List, 2007, 7050.0470, MDNR 2008a, 2010
Shiver Creek Impoundment	St. Louis	04010201-A37			1854 List
Side Lake	St. Louis	69-0699-00	Lake		1854 List, MDNR 2008a
Simian Lake	St. Louis	69-0619-00	Lake		1854 List, MDNR 2008a
St. Louis River/ Estuary	St. Louis	04010201-532	Stream		MPCA 2013, UofM/MPCA 2013, Permittee, MDNR 2008b
St. Louis Estuary (2)	St. Louis	04010201-533	Stream		1854 List
St. Louis River	St. Louis	04010201-631	Stream	[WR]	1854 List, 7050.0470, UofM/MPCA 2013
St. Louis River	St. Louis	04010201-644	Stream		1854 List, 2010
Stone Lake	St. Louis	69-0046-00	Lake	[WR]	2007, 7050.0470, MDNR 2008a, 2010, MBS 2011, UofM/MPCA 2013
Stone Lake	St. Louis	69-0686-00	Lake	[WR]	1854 List, 7050.0470, MDNR 2008a, MPCA 2013



**04010201 St. Louis River (3/21/2017)**

Name	County	WID	Water Type	7050.0470	Source(s)
Sullivan Lake	St. Louis	69-0246-00	Lake		1854 List, MPCA 2013
Turpela Lake	St. Louis	69-0427-00	Lake		1854 List, MDNR 2008a, 2010, UofM/MPCA 2013
Twin Lake	St. Louis	69-0504-00	Lake		1854 List, MDNR 2008b
Twin Lake	St. Louis	69-0695-00	Lake		1854 List, MDNR 2008b
Unnamed (FDL1)	Carlton	09-0178-00	Lake		1854 List, MPCA 2013
Unnamed (FDL2) Lake	St. Louis	69-1454-00	Lake		1854 List, MPCA 2013
Unnamed Lake	St. Louis	69-0634-00	Lake		1854 List, MDNR 2008a
Upper Bug Lake	St. Louis	69-0406-00	Lake		1854 List, MDNR 2008b
Vang Lake	St. Louis	69-0876-00	Lake		1854 List, MDNR 2008a
Wabuse Lake	St. Louis	69-0408-00	Lake		1854 List, MDNR 2008a, 2010
Washusk Number One Lake	St. Louis	69-0409-00	Lake		1854 List, MDNR 2008a, 2010
Washusk Number Two Lake	St. Louis	69-0410-00	Lake		1854 List, 2010, MPCA 2013
White Lake	St. Louis	69-0571-00	Lake		1854 List
Wynne Lake	St. Louis	69-0434-02	Lake		1854 List, MPCA 2013

**04010202 Cloquet River (3/21/2017)**

Name	County	WID	Water Type	7050.0470	Source(s)
Alden Lake	St. Louis	69-0131-00	Lake		1854 List, MDNR 2008b
Angell Pool	St. Louis	69-1466-00	Lake		1854 List, MDNR 2008a, 2010
Bassett Lake	St. Louis	69-0041-00	Lake		1854 List, MPCA 2013
Bear (Mud) Lake	St. Louis	69-0112-00	Lake		1854 List, MDNR 2008a, 2010
Beaver (Joker) Lake	St. Louis	69-0015-00	Lake		1854 List, MDNR 2008a
Breda Lake	St. Louis	69-0037-00	Lake	[WR]	1854 List, 2007, 7050.0470, MDNR 2008a, 2010
Caribou Lake	St. Louis	69-0489-00	Lake		1854 List, MDNR 2008a, UofM/MPCA 2013
Clark Lake	Lake	38-0647-00	Lake		1854 List, 2007, MDNR 2008b, 2010
Cloquet Lake	Lake	38-0539-00	Lake		1854 List, 2007, MDNR 2008b, 2010, UofM/MPCA 2013
Cloquet River	Lake	04010202-507	Stream		1854 List, MDNR 2008b
Driller Lake	Lake	38-0652-00	Lake		1854 List, MDNR 2008b
Fish Lake (east)	St. Louis	69-0491-00	Lake		1854 List, MPCA 2013
Grand Lake	St. Louis	69-0511-00	Lake		1854 List, MDNR 2008a, UofM/MPCA 2013
Hjalmer Lake	Lake	38-0758-00	Lake		1854 List, MDNR 2008a, 2010
Indian Lake	St. Louis	69-0023-00	Lake		1854 List, MDNR 2008b
Island Lake Reservoir	St. Louis	69-0372-00	Lake		1854 List, MPCA 2013
King Lake	St. Louis	69-0008-00	Lake		1854 List, MDNR 2008a

**04010202 Cloquet River (3/21/2017)**

Name	County	WID	Water Type	7050.0470	Source(s)
Kookoosh Lake	St. Louis	69-0009-00	Lake		1854 List
Kylen Lake	St. Louis	69-0034-00	Lake		1854 List, MDNR 2008a
Lake George	St. Louis	69-0040-00	Lake		1854 List, 2007, MDNR 2008b
Langley Lake	Lake	38-0648-00	Lake		1854 List
Legler Lake	Lake	38-0649-00	Lake		1854 List, MPCA 2013
Lieuna (Lieung) Lake	St. Louis	69-0123-00	Lake	[WR]	1854 List, 7050.0470, MDNR 2008a, MDNR APM
Little Cloquet River	St. Louis	04010202-590	Stream		1854 List, MDNR 2008b
Little Stone Lake	St. Louis	69-0028-00	Lake		1854 List, 2007, MDNR 2008b
Papoose Lake	St. Louis	69-0024-00	Lake	[WR]	1854 List, 7050.0470, MDNR 2008a, 2010
Petrel Creek	St. Louis	04010202-664	Stream		1854 List, 2007, MDNR 2008b, 2010
Ruth Lake	St. Louis	69-0014-00	Lake		1854 List, MDNR 2008a
Sink Lake	Lake	38-0540-00	Lake		1854 List
Smith (Little Pequaywan) Lake	St. Louis	69-0111-00	Lake		1854 List
Stone (Tommila) Lake	St. Louis	69-0035-00	Lake	[WR]	1854 List, 7050.0470, MDNR 2008a, 2010
Trettel Pool	St. Louis	69-1482-00	Lake		MDNR 2008a
Upland Lake	Lake	38-0756-00	Lake		1854 List, MDNR 2008b
Warren	St. Louis	69-0017-00	Lake		1854 List
Wild Rice Reservoir	St. Louis	69-0371-00	Lake		1854 List, MDNR 2008b, UofM/MPCA 2013
Wolf Lake	St. Louis	69-0143-00	Lake		1854 List, MDNR 2008b, 2010, MBS 2011, UofM/MPCA 2013, MDNR APM

**04010301 Nemadji River (3/21/2017)**

Name	County	WID	Water Type	7050.0470	Source(s)
Hay Lake	Carlton	09-0010-00	Lake		1854 List, 2007, MDNR 2008b, 2010, MDNR APM
Net Lake	Pine	58-0038-00	Lake		1854 List, MDNR APM

## Lower Mississippi Basin

### Key for sources in Table

Source	Abbreviation for Source
Natural Wild Rice in Minnesota—A Wild Rice Study Report to the Legislature	MDNR 2008a, MDNR 2008b
Minnesota DNR Wild Rice Harvester Survey Report	2007
Minnesota Wild Rice Management Workgroup List of 350 Important Wild Rice Waters	2010
1854 Treaty Authority List of Wild Rice Waters (3/24/16 version)	1854 List
MDNR Aquatic Plant Management Database	MDNR APM
MPCA Biomonitoring Field Sites	MPCA Biomon
University of Minnesota/MPCA Wild Rice Study Field Survey Sites	U of M/MPCA 2013
Minnesota Biological Survey Database	MBS 2011, MBS 2017
MPCA 2013 Call for Data	MPCA 2013
Permittee Monitoring	Permittee
WR Waters (7050.0470)	7050.047
Waters identified by MDNR in 2015 as wild rice waters	MDNR 2015
Waters identified through MPCA review of various water surveys	Survey

MDNR 2008a indicates waters in MDNR 2008 report with greater than or equal to 2 acres of wild rice.

MDNR 2008b indicates waters in MDNR 2008 report with estimates of less than 2 acres of wild rice or without acreage estimates.

### 07040001 Mississippi River - Lake Pepin (3/21/2017)

Name	County	WID	Water Type	Source(s)
Sturgeon Lake	Goodhue	25-0017-01	Lake	MDNR 2008b, Survey

### 07040002 Cannon River (3/21/2017)

Name	County	WID	Water Type	Source(s)
Cedar Lake	Rice	66-0052-00	Lake	MDNR 2008a
Everson Lake	Waseca	81-0027-00	Lake	2010
Hunt Lake	Rice	66-0047-00	Lake	MDNR 2008a, UofM/MPCA 2013
Mud Lake	Rice	66-0054-00	Lake	MDNR 2008a, 2010
Oak Glen Lake	Steele	74-0004-00	Lake	MDNR 2008a
Weinberger Lake	Rice	66-0041-00	Lake	MDNR 2008a
Willing Lake	Rice	66-0051-00	Lake	MDNR 2008a

### 07040003 Mississippi River - Winona (3/21/2017)

Name	County	WID	Water Type	Source(s)
Maloney Lake	Wabasha	79-0001-03	Lake	UofM/MPCA 2013
Mississippi Pool 4/Robinson Lake	Wabasha	79-0005-02	Lake	UofM/MPCA 2013
Mississippi Pool 5 / Spring Lake	Wabasha	07040003-627	Stream	MDNR 2008b, UofM/MPCA 2013
Unnamed Lake (McCarthy Lake WMA)	Wabasha	79-0052-00	Lake	MDNR 2008a, 2010

**07040004 Zumbro River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Rice Lake	Steele	74-0001-00	Lake	MDNR 2008a, UofM/MPCA 2013, MDNR APM

**07040006 Mississippi River – La Crescent (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Blue Lake	Houston	28-0005-03	Lake	MDNR 2008b, Survey
Target Lake	Houston	28-0005-02	Lake	MDNR 2008b, Survey

**07060001 Mississippi River - Reno (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Lawrence Lake	Houston	28-0005-01	Lake	MDNR 2008b, Survey
Mississippi River backwater	Houston	28-0005-00	Wetland	MPCA Biomon
Mississippi Pool 8	Houston	28-0005-99	Stream	UofM/MPCA 2013

# Minnesota River Basin

## Key for Sources in Table

Source	Abbreviation for Source
Natural Wild Rice in Minnesota—A Wild Rice Study Report to the Legislature	MDNR 2008a, MDNR 2008b
Minnesota DNR Wild Rice Harvester Survey Report	2007
Minnesota Wild Rice Management Workgroup List of 350 Important Wild Rice Waters	2010
1854 Treaty Authority List of Wild Rice Waters (3/24/16 version)	1854 List
MDNR Aquatic Plant Management Database	MDNR APM
MPCA Biomonitoring Field Sites	MPCA Biomon
University of Minnesota/MPCA Wild Rice Study Field Survey Sites	U of M/MPCA 2013
Minnesota Biological Survey Database	MBS 2011, MBS 2017
MPCA 2013 Call for Data	MPCA 2013
Permittee Monitoring	Permittee
WR Waters (7050.0470)	7050.047
Waters identified by MDNR in 2015 as wild rice waters	MDNR 2015
Waters identified through MPCA review of various water surveys	Survey

MDNR 2008a indicates waters in MDNR 2008 report with greater than or equal to 2 acres of wild rice.

MDNR 2008b indicates waters in MDNR 2008 report with estimates of less than 2 acres of wild rice or without acreage estimates.

### 07020002 Pomme De Terre River (3/21/2017)

Name	County	WID	Water Type	Source(s)
Ina Lake	Douglas	21-0355-00	Lake	UofM/MPCA 2013
North Turtle Lake	Otter Tail	56-0379-00	Lake	MDNR APM
South Turtle Lake	Otter Tail	56-0377-00	Lake	MPCA 2013, MDNR APM
Spitzer Lake	Otter Tail	56-0160-00	Lake	MPCA 2013, MDNR APM
Stalker Lake	Otter Tail	56-0437-00	Lake	MPCA 2013, MDNR APM
Tamarack	Otter Tail	56-0433-00	Lake	MDNR 2008b, Survey

### 07020005 Chippewa River (3/21/2017)

Name	County	WID	Water Type	Source(s)
Andrea	Kandiyohi	34-0652-00	Wetland	MPCA Biomon
Blaamyhre Lake	Kandiyohi	34-0345-00	Lake	MDNR 2008b, UofM/MPCA 2013
Glesne Slough (Unnamed) Lake	Kandiyohi	34-0353-00	Lake	UofM/MPCA 2013
Ole Lake	Kandiyohi	34-0342-00	Lake	MDNR 2008b, Survey
Signalness (Mountain) Lake	Pope	61-0149-00	Lake	MPCA 2013, MDNR APM

### 07020011 Le Sueur River (3/21/2017)

Name	County	WID	Water Type	Source(s)
Lily Lake	Waseca	81-0067-00	Lake	2010, MPCA 2013, UofM/MPCA 2013, MDNR APM
Spicer Lake	Freeborn	24-0045-00	Lake	MDNR 2008a
Trenton Lake	Freeborn	24-0049-00	Lake	MDNR 2008a

**07020012 Lower Minnesota River (3/21/2017)**

<b>Name</b>	<b>County</b>	<b>WID</b>	<b>Water Type</b>	<b>Source(s)</b>
Blue Lake	Scott	70-0088-00	Lake	MDNR 2008a, 2010
Fisher Lake	Scott	70-0087-00	Lake	MDNR 2008a, 2010, UofM/MPCA 2013
Hatch Lake	Rice	66-0063-00	Lake	MDNR 2008a
Rice Lake	Scott	70-0025-00	Lake	MDNR 2008a, 2010

## Rainy River -Lake of the Woods Basin

### Key for sources in Table

Source	Abbreviation for Source
Natural Wild Rice in Minnesota—A Wild Rice Study Report to the Legislature	MDNR 2008a, MDNR 2008b
Minnesota DNR Wild Rice Harvester Survey Report	2007
Minnesota Wild Rice Management Workgroup List of 350 Important Wild Rice Waters	2010
1854 Treaty Authority List of Wild Rice Waters (3/24/16 version)	1854 List
MDNR Aquatic Plant Management Database	MDNR APM
MPCA Biomonitoring Field Sites	MPCA Biomon
University of Minnesota/MPCA Wild Rice Study Field Survey Sites	U of M/MPCA 2013
Minnesota Biological Survey Database	MBS 2011, MBS 2017
MPCA 2013 Call for Data	MPCA 2013
Permittee Monitoring	Permittee
WR Waters (7050.0470)	7050.047
Waters identified by MDNR in 2015 as wild rice waters	MDNR 2015
Waters identified through MPCA review of various water surveys	Survey

MDNR 2008a indicates waters in MDNR 2008 report with greater than or equal to 2 acres of wild rice.

MDNR 2008b indicates waters in MDNR 2008 report with estimates of less than 2 acres of wild rice or without acreage estimates.

### 09030001 Rainy River - Headwaters (3/21/2017)

Name	County	WID	Water Type	Source(s)
August Lake	Lake	38-0691-00	Lake	1854 List, MPCA 2013
Bald Eagle Lake	Lake	38-0637-00	Lake	1854 List, MDNR 2008b
Basswood Lake	Lake	38-0645-00	Lake	1854 List, MDNR 2008a, 2010
Bear Island River	St. Louis	09030001-608	Stream	1854 List, 2007, MDNR 2008b
Beartrap Lake	St. Louis	69-0089-00	Lake	1854 List, MDNR 2008b
Big Lake	St. Louis	69-0190-00	Lake	1854 List, MDNR 2008a
Big Rice Lake	St. Louis	69-0178-00	Lake	1854 List, MDNR 2008a, 2010
Birch Lake	St. Louis	69-0003-00	Lake	1854 List, 2007, MDNR 2008a, 2010, UofM/MPCA 2013
Blueberry Lake	St. Louis	69-0054-00	Lake	1854 List, MDNR 2008a, MBS 2017
Bonga Lake	Lake	38-0762-00	Lake	1854 List, MDNR 2008a, 2010
Bootleg Lake	St. Louis	69-0452-00	Lake	1854 List, MDNR 2008b
Burntside Lake	St. Louis	69-0118-00	Lake	1854 List, 2007, MDNR 2008b, 2010
Burntside River	St. Louis	09030001-808	Stream	1854 List, MPCA Biomon
Camp East Creek	Lake	09030001-623	Stream	1854 List
Campers Lake	Lake	38-0679-00	Lake	1854 List, 2007, MDNR 2008a, 2010
Canary Lake	St. Louis	69-0055-00	Lake	1854 List, MDNR 2008b
Charity Lake	Lake	38-0055-00	Lake	1854 List, MDNR 2008b
Comfort Lake	Lake	38-0290-00	Lake	1854 List, MDNR 2008b, MBS 2011

**09030001 Rainy River - Headwaters (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Cougar Lake	Lake	38-0767-00	Lake	1854 List, MDNR 2008b
Crooked Lake	Lake	38-0817-00	Lake	1854 List, MDNR 2008b
Deadmans	St. Louis	69IMP001	Lake	1854 List, MDNR 2008b
Dragon	Lake	38-0552-00	Lake	1854 List, MPCA 2013
Duck Lake	St. Louis	69-0191-00	Lake	1854 List, MDNR 2008b
Dumbbell Lake	Lake	38-0393-00	Lake	1854 List, MDNR 2008a, 2010
Dumbbell River	Lake	09030001-632	Stream	MPCA Biomon
Dumbbell River Pool	Lake	38-0270-00	Lake	1854 List, MPCA 2013
Dunnigan Lake	Lake	38-0664-00	Lake	1854 List
Ed Shave Lake	St. Louis	69-0199-00	Lake	1854 List, MDNR 2008b
Eighteen Lake	Lake	38-0432-00	Lake	1854 List, MPCA 2013
Ella Hall Lake	Lake	38-0727-00	Lake	1854 List, MDNR 2008b
Fall Lake	Lake	38-0811-00	Lake	1854 List, MDNR 2008a, MPCA 2013
Farm Lake	Lake	38-0779-00	Lake	1854 List, 2007, MDNR 2008b, 2010, MBS 2017
Fente Lake	Cook	16-0741-00	Lake	1854 List, MDNR 2008b
Flat Horn Lake	Lake	38-0568-00	Lake	1854 List, MDNR 2008b, MBS 2011
Fools Lake	Lake	38-0761-00	Lake	1854 List, MDNR 2008a
Gabbro Lake	Lake	38-0701-00	Lake	1854 List, MDNR 2008b
Garden Lake	Lake	38-0782-00	Lake	1854 List, 2007, MDNR 2008a, 2010
Gegoka Lake	Lake	38-0573-00	Lake	1854 List, 2007, MDNR 2008a, 2010, MBS 2011
Grass Lake	Lake	38-0635-00	Lake	1854 List, MPCA 2013
Grassy Lake	St. Louis	69-0082-00	Lake	1854 List, MDNR 2008b
Grassy Lake	St. Louis	69-0216-00	Lake	1854 List, MDNR 2008b
Green Wing Lake	Lake	38-0264-00	Lake	1854 List, MPCA 2013
Greenwood Lake	Lake	38-0656-00	Lake	1854 List, 2007, MDNR 2008a, 2010, MBS 2011
Grouse Lake	Lake	38-0557-00	Lake	1854 List, MPCA 2013
Gull Lake	St. Louis	69-0092-00	Lake	1854 List, MDNR 2008a
Harriet Lake	Lake	38-0048-00	Lake	1854 List, MPCA 2013
Harris Lake	Lake	38-0736-00	Lake	1854 List, MDNR 2008a
Horse River	Lake	09030001-719	Stream	1854 List, MDNR 2008b
Horseshoe Lake	St. Louis	69-0255-00	Lake	1854 List, MDNR 2008a
Hula Lake	Lake	38-0728-00	Lake	1854 List, 2007, MDNR 2008a, 2010
Iron Lake	Cook	16-0328-00	Lake	1854 List, 2007, MDNR 2008b
Isabella Lake	Lake	38-0396-00	Lake	1854 List, MDNR 2008b
Isabella River	Lake	09030001-527	Stream	1854 List, MDNR 2008b
Island River	Lake	09030001-563	Stream	MPCA 2013
Island River Lake	Lake	38-0289-00	Lake	MBS 2011, MPCA 2013
Island River Lake	Lake	38-0842-00	Lake	1854 List, 2007, MDNR 2008a, 2010, MPCA 2013
Jeanette Lake	St. Louis	69-0456-00	Lake	1854 List, MDNR 2008b, MBS 2017
Johnson Lake	St. Louis	69-0117-00	Lake	1854 List, MDNR 2008a, MPCA 2013
Kawishiwi Lake	Lake	38-0080-00	Lake	1854 List, MDNR 2008b
Kawishiwi River	Lake	09030001-512	Stream	1854 List, MDNR 2008b



09030001 Rainy River - Headwaters (3/21/2017)

Name	County	WID	Water Type	Source(s)
Kitigan Lake	Lake	38-0559-00	Lake	1854 List, MPCA 2013
Lapond Lake	St. Louis	69-0177-00	Lake	1854 List, MDNR 2008a, 2010
Little Gabbro Lake	Lake	38-0703-00	Lake	1854 List, MDNR 2008b
Little Indian Sioux River	St. Louis	09030001-557	Stream	1854 List, 2007, MDNR 2008b, 2010
Little Indian Sioux River	St. Louis	09030001-636	Stream	1854 List, 2007, MDNR 2008b, 2010
Little Indian Sioux River	St. Louis	09030001-637	Stream	1854 List, 2007, MDNR 2008b, 2010
Little Indian Sioux River	St. Louis	09030001-641	Stream	1854 List, 2007, MDNR 2008b, 2010
Little Indian Sioux River	St. Louis	09030001-642	Stream	1854 List, 2007, MDNR 2008b, 2010
Little Indian Sioux River	St. Louis	09030001-643	Stream	1854 List, 2007, MDNR 2008b, 2010
Little Rice	St. Louis	69-0180-00	Lake	MDNR 2008b, 2010
Little Vermillion Lake	St. Louis	69-0608-00	Lake	1854 List, 2007, MDNR 2008b
Little Wampus Lake	Lake	38-0684-00	Lake	1854 List, MDNR 2008b
Low Lake	St. Louis	69-0070-00	Lake	1854 List, 2007, MDNR 2008a, 2010
Lower Pauness Lake	St. Louis	69-0464-00	Lake	1854 List, MDNR 2008b
Manomin Lake	Lake	38-0616-00	Lake	1854 List, MDNR 2008a
Middle McDougal Lake	Lake	38-0658-00	Lake	1854 List, 2007, MDNR 2008b, 2010
Moose Lake	Lake	38-0644-00	Lake	1854 List, MPCA 2013
Moose River	St. Louis	09030001-540	Stream	1854 List
Mud Lake	Lake	38-0742-00	Lake	1854 List, MDNR 2008b
Muskeg Lake	Lake	38-0788-00	Lake	1854 List, MDNR 2008a, 2010
Nels Lake	St. Louis	69-0080-00	Lake	1854 List, MDNR 2008a
Newton Lake	Lake	38-0784-00	Lake	1854 List, MDNR 2008b
Nina Moose River	St. Louis	09030001-650	Stream	1854 List, 2007
Nine A M Lake	Lake	38-0445-00	Lake	1854 List, MDNR 2008a
North McDougal Lake	Lake	38-0686-00	Lake	1854 List, MDNR 2008b
One Pine Lake	St. Louis	69-0061-00	Lake	1854 List, MDNR 2008a, MPCA 2013, MBS 2017
Osier Lake	Lake	38-0420-00	Lake	1854 List, MPCA 2013
Papoose Lake	Lake	38-0818-00	Lake	1854 List, MDNR 2008a
Pea Soup Lake	Lake	38-0739-00	Lake	MDNR APM
Perent Lake	Lake	38-0220-00	Lake	1854 List, MPCA 2013
Phantom Lake	Lake	38-0653-00	Lake	1854 List, MDNR 2008b, 2010
Phoebe Lake	Cook	16-0808-00	Lake	1854 List, MDNR 2008b
Picket Lake	St. Louis	69-0079-00	Lake	1854 List, MDNR 2008a
Polly Lake	Lake	38-0104-00	Lake	1854 List, MPCA 2013
Railroad Lake	Lake	38-0655-00	Lake	1854 List, MDNR 2008b
Rat Lake	Lake	38-0567-00	Lake	1854 List, MPCA 2013
Rib Lake	Cook	16-0544-00	Lake	1854 List, MDNR 2008b
Rice Lake	St. Louis	69-0180-00	Lake	1854 List, 2010
Rice Lake	Lake	38-0465-00	Lake	1854 List, MDNR 2008a, 2010
Riparian, stream wetland	Lake	09030001-985	Wetland	MPCA Biomon
Roe Lake	Lake	38-0139-00	Lake	1854 List, MDNR 2008b
Sand Lake	Lake	38-0735-00	Lake	1854 List, 2007, MDNR 2008a, 2010

**09030001 Rainy River - Headwaters (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Scarp (Cliff) Lake	Lake	38-0058-00	Lake	1854 List, MPCA 2013
Scott Lake	Lake	38-0271-00	Lake	1854 List, MDNR 2008b
Silver Island Lake	Lake	38-0219-00	Lake	1854 List, MDNR 2008b
Slate (Spider) Lake	Lake	38-0666-00	Lake	1854 List, MDNR 2008b, MPCA 2013
Snowbank Lake	Lake	38-0529-00	Lake	1854 List, MDNR 2008a, 2010
Source Lake	Lake	38-0654-00	Lake	1854 List, MDNR 2008b
Sourdough Lake	Lake	38-0708-00	Lake	1854 List, MDNR 2008a
South Farm Lake	Lake	38-0778-00	Lake	1854 List, MPCA 2013
South Kawishiwi River	Lake	09030001-536	Stream	1854 List
South McDougal Lake	Lake	38-0659-00	Lake	1854 List, MDNR 2008a
Stony Lake	Lake	38-0660-00	Lake	1854 List, 2007, MDNR 2008a, 2010
Stony (Sand) River	Lake	09030001-985	Stream	1854 List, 2007, MDNR 2008b
Surprise Lake	Lake	38-0550-00	Lake	1854 List, MPCA 2013
Swallow(Shallow,Deep) Lake	Lake	38-0668-00	Lake	1854 List
Sylvania Lake	Lake	38-0395-00	Lake	1854 List, MPCA 2013
Twin (East Twin) Lake	St. Louis	69-0163-00	Lake	1854 List, MDNR 2008b
Twin Lakes (East Twin)	St. Louis	69-0174-00	Lake	1854 List, MPCA 2013
Unnamed (Scott Creek Tributary) Creek	Lake	09030001-598	Stream	1854 List
Unnamed Lake	Cook	16-0416-00	Lake	1854 List, MDNR 2008a
Upper Pauness Lake	St. Louis	69-0465-00	Lake	1854 List, MDNR 2008b
Vera Lake	Lake	38-0491-00	Lake	1854 List, MDNR 2008b
Wampus Lake	Lake	38-0685-00	Lake	1854 List, MDNR 2008b
White Iron Lake	St. Louis	69-0004-00	Lake	1854 List, MDNR 2008b
Wind Lake	Lake	38-0642-00	Lake	1854 List, MDNR 2008a
Wood Lake	Lake	38-0729-00	Lake	1854 List, MDNR 2008a, 2010
Wye Lake	Lake	38-0042-00	Lake	1854 List, MPCA 2013

**09030002 Vermilion River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Black Lake	St. Louis	69-0740-00	Lake	1854 List, MDNR 2008b
Camp 97 Impoundment	St. Louis	69-0594-00	Lake	1854 List, MDNR 2008b, MDNR APM
Camp Forty Creek	St. Louis	09030002-586	Stream	1854 List
Crane Lake	St. Louis	69-0616-00	Lake	1854 List, 2007, MDNR 2008a, 2010
Eagles Nest 3 Lake	St. Louis	69-0285-03	Lake	1854 List, MDNR 2008b
Echo Lake	St. Louis	69-0615-00	Lake	1854 List, MDNR 2008b
Echo River	St. Louis	09030002-532	Stream	1854 List
Elbow River	St. Louis	09030002-602	Stream	MDNR 2015
Fivemile Lake	St. Louis	69-0288-00	Lake	1854 List, MDNR 2008a
Fourmile Lake	St. Louis	69-0281-00	Lake	1854 List, MDNR 2008b
Gafvert Lake	St. Louis	69-0280-00	Lake	1854 List, MDNR 2008b
Hay Lake	St. Louis	69-0579-00	Lake	1854 List, MDNR 2008a, 2010

**09030002 Vermilion River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Hoodoo Lake	St. Louis	69-0802-00	Lake	2007, MDNR 2008a, 2010
Kabustasa Lake (Rice)	St. Louis	69-0679-00	Lake	1854 List, MPCA 2013
Little Sandy Lake	St. Louis	69-0729-00	Lake	1854 List, MDNR 2008a, 2010
Myrtle Lake	St. Louis	69-0749-00	Lake	1854 List, MDNR 2008b
Oriniack Lake	St. Louis	69-0587-00	Lake	1854 List, MDNR 2008b
Pelican Lake	St. Louis	69-0841-00	Lake	2007, MDNR 2008a, 2010
Pelican River	St. Louis	09030002-530	Stream	2007, MDNR 2008b, MDNR 2015
Pike River	St. Louis	09030002-503	Stream	1854 List, 2007, MDNR 2008b, 2010, UofM/MPCA 2013
Rice Lake	St. Louis	69-0578-00	Lake	MDNR 2008a, 2010
Rice Lake	St. Louis	69-0803-00	Lake	2010, MDNR 2015
Sand River	St. Louis	09030002-501	Stream	1854 List, 2010, UofM/MPCA 2013
Sandy Lake	St. Louis	69-0730-00	Lake	1854 List, MDNR 2008a, 2010, UofM/MPCA 2013
Sixmile Lake	St. Louis	69-0283-00	Lake	1854 List, MDNR 2008b
Sunset Lake	St. Louis	69-0764-00	Lake	1854 List, MDNR 2008a
Susan Lake	St. Louis	69-0741-00	Lake	1854 List, MDNR 2008b
Vermilion River	St. Louis	09030002-531	Stream	2007, MDNR 2008b, MPCA 2013, MPCA Biomon
Vermilion River Lake	St. Louis	69-0613-00	Lake	1854 List, MDNR 2008a, 2010
Vermillion (Rice Bay) Lake	St. Louis	69-0378-00	Lake	1854 List, MDNR 2008a, 2010

**09030003 Rainy River - Rainy Lake (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Rainy Lake	Koochiching	69-0694-00	Lake	2007, MDNR 2008b, 2010
Rat Root Lake	Koochiching	36-0006-00	Lake	2007, MDNR 2008b, 2010
Tilson Creek	Koochiching	09030003-629	Stream	2007, MDNR 2008b

**09030005 Little Fork River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Auto Lake	St. Louis	69-0731-00	Lake	MPCA 2013
Balkan Lake	St. Louis	69-0860-00	Lake	MDNR 2008a
Big Rice Lake	St. Louis	69-0669-00	Lake	1854 List, 2007, MDNR 2008a, 2010, MPCA 2013
Herrigan Lake	Itasca	31-0174-00	Lake	MDNR 2008a
Kelly Lake	Itasca	31-0291-00	Lake	MDNR 2008a
Knuckey (Mud) Lake	St. Louis	69-0800-00	Lake	2007, MDNR 2008a, 2010, MBS 2017
Little Rice Lake	St. Louis	69-0612-00	Lake	1854 List, 2007, MDNR 2008a, 2010, MPCA 2013, UofM/MPCA 2013
Moose Lake	St. Louis	69-0798-00	Lake	1854 List, 2007, MDNR 2008a, 2010
Mud (Watercress) Lake	St. Louis	69-0797-00	Lake	1854 List, MDNR 2008a, 2010
Nett Lake	Koochiching	36-0001-00	Lake	2007, MDNR 2008b, 2010
Otter Lake	Itasca	31-0301-00	Lake	2007, MDNR 2008b

**09030005 Little Fork River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Rat (Jamer) Lake	St. Louis	69-0737-00	Lake	1854 List, MDNR 2008b
Sand Lake	St. Louis	69-0736-00	Lake	MPCA 2013
Shannon Lake	St. Louis	69-0925-00	Lake	2007, MDNR 2008a, 2010
Shannon River	St. Louis	09030005-605	Stream	2007, MDNR 2008b
Sturgeon Lake	St. Louis	69-0939-01	Lake	MDNR 2008b, 2010, UofM/MPCA 2013
Sturgeon Lake, Middle	St. Louis	69-0939-02	Lake	UofM/MPCA 2013
Sturgeon River	St. Louis	09030005-527	Stream	UofM/MPCA 2013
Unnamed Lake	Itasca	31-0066-00	Lake	MDNR 2008a
Unnamed Lake	Itasca	31-0322-00	Lake	MDNR 2008a
Unnamed Lake	Itasca	31-0288-00	Lake	MPCA 2013
Unnamed Lake	Itasca	31-0961-00	Lake	MDNR 2008a
Wagon Wheel Lake	St. Louis	69-0735-00	Lake	1854 List, MDNR 2008a
Walters Lake	Itasca	31-0298-00	Lake	MDNR 2008a

**09030006 Big Fork River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Aspen Lake	Itasca	31-0690-00	Lake	2007, MDNR 2008a
Big Fork River	Itasca	09030006-505	Stream	2007, MDNR 2008b, 2010
Blue Rock Lake	Itasca	31-0919-00	Lake	MDNR APM
Bowstring River	Itasca	09030006-555	Stream	MDNR 2008b, 2010, UofM/MPCA 2013
Cameron Lake	Itasca	31-0544-00	Lake	MPCA 2013
Canoe Lake (Unnamed)	Itasca	31-0519-00	Lake	MPCA 2013
Coddington Lake	Itasca	31-0883-00	Lake	MDNR 2008a
Deer Lake	Itasca	31-0334-00	Lake	2007, MDNR 2008b
Dishpan Lake	Itasca	31-0992-00	Lake	MDNR 2008a
Dora Lake	Itasca	31-0882-00	Lake	2007, MDNR 2008a, 2010
Fiske Lake	Itasca	31-0918-00	Lake	MDNR APM
Grass Lake	Itasca	31-0727-00	Lake	MDNR 2008b, Survey
Hamrey Lake	Itasca	31-0911-00	Lake	MDNR 2008a
Helen Lake	Itasca	31-0840-00	Lake	MDNR 2008a, 2010
Hinken Creek	Itasca	09030006-538	Stream	UofM/MPCA 2013
Little Island Lake	Itasca	31-0179-00	Lake	MDNR 2008a
Little Spring Lake	Itasca	31-0797-00	Lake	MDNR 2008a
Marie Lake	Itasca	31-0507-00	Lake	2007
Natures Lake	Itasca	31-0877-00	Lake	2007, MDNR 2008a, 2010
Popple River	Itasca	09030006-512	Stream	UofM/MPCA 2013
Rice Lake	Itasca	31-0876-00	Lake	2007, MDNR 2008a, 2010
Rice Lake	Itasca	31-0315-00	Lake	MDNR 2008a
Rice Lake	Itasca	31-0707-00	Lake	MDNR 2008b, Survey
Rice River	Itasca	09030006-539	Stream	UofM/MPCA 2013
Ruby Lake	Itasca	31-0422-00	Lake	MDNR 2008a
Shallow Pond	Itasca	31-0910-00	Lake	MDNR 2008a

**09030006 Big Fork River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Teufer (Labrie) Lake	Koochiching	36-0019-00	Lake	MBS 2017
Whitefish Lake	Itasca	31-0843-00	Lake	MDNR 2008a

**09030008 Rainy River - Lower (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Baudette River	Lake of the Woods	09030008-535	Stream	2007, MDNR 2008b
Rainy River	Lake of the Woods	09030008-505	Stream	2007, MDNR 2008b, 2010
Silver Creek	Lake of the Woods	09030008-513	Stream	2007, MDNR 2008b
Winter Road River	Lake of the Woods	09030008-502	Stream	2007, MDNR 2008b, 2010

**09030009 Lake of the Woods (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Bednar Impoundment	Roseau	68-0150-00	Lake	MDNR 2008a
Lake of the Woods	Lake of the Woods	39-0002-00	Lake	2007, MDNR 2008b

# Red River of the North Basin

## Key for sources in Table

Source	Abbreviation for Source
Natural Wild Rice in Minnesota—A Wild Rice Study Report to the Legislature	MDNR 2008a, MDNR 2008b
Minnesota DNR Wild Rice Harvester Survey Report	2007
Minnesota Wild Rice Management Workgroup List of 350 Important Wild Rice Waters	2010
1854 Treaty Authority List of Wild Rice Waters (3/24/16 version)	1854 List
MDNR Aquatic Plant Management Database	MDNR APM
MPCA Biomonitoring Field Sites	MPCA Biomon
University of Minnesota/MPCA Wild Rice Study Field Survey Sites	U of M/MPCA 2013
Minnesota Biological Survey Database	MBS 2011, MBS 2017
MPCA 2013 Call for Data	MPCA 2013
Permittee Monitoring	Permittee
WR Waters (7050.0470)	7050.047
Waters identified by MDNR in 2015 as wild rice waters	MDNR 2015
Waters identified through MPCA review of various water surveys	Survey

MDNR 2008a indicates waters in MDNR 2008 report with greater than or equal to 2 acres of wild rice.

MDNR 2008b indicates waters in MDNR 2008 report with estimates of less than 2 acres of wild rice or without acreage estimates.

### 09020103 Otter Tail River (3/21/2017)

Name	County	WID	Water Type	Source(s)
Acorn Lake	Becker	03-0258-00	Lake	MBS 2011, MPCA 2013
Albertson Lake	Becker	03-0266-00	Lake	MDNR 2008b, Survey
Berger Lake	Otter Tail	56-1149-00	Lake	MDNR 2008b, MDNR APM
Big Elbow Lake	Becker	03-0159-00	Lake	MDNR APM
Big Floyd Lake	Becker	03-0387-00	Lake	MDNR APM
Big Pine Lake	Otter Tail	56-0130-00	Lake	MDNR APM
Blackbird Lake	Becker	03-0197-00	Lake	2007, MDNR 2008a, 2010
Boedigheimer Lake	Otter Tail	56-0212-00	Lake	MPCA 2013
Bolton Lake	Otter Tail	56-0318-00	Lake	MDNR APM
Booth Lake	Becker	03-0198-00	Lake	MDNR 2008a, 2010
Bray Lake	Otter Tail	56-0472-00	Lake	MPCA 2013, UofM/MPCA 2013
Bush Lake	Becker	03-0212-00	Lake	MDNR 2008a, 2010
Camp Seven Lake	Becker	03-0151-00	Lake	MDNR 2008a
Carman Lake	Becker	03-0209-00	Lake	2007, MDNR 2008a, 2010
Chippewa Lake	Becker	03-0196-00	Lake	2007, MDNR 2008a, 2010
Crane Lake	Otter Tail	56-0293-00	Lake	MDNR APM
Crystal Lake	Otter Tail	56-0749-00	Lake	MDNR APM
Dead Lake	Becker	03-0160-00	Lake	MDNR 2008b, Survey
Dead Lake	Otter Tail	56-0383-00	Lake	MDNR 2008b, MDNR APM
Deer Lake	Otter Tail	56-0298-00	Lake	MPCA 2013, MDNR APM
Depressional Wetland	Otter Tail	56-1554-00	Wetland	MPCA Biomon
Duck Lake	Otter Tail	56-0925-00	Lake	MDNR 2008b, Survey

09020103 Otter Tail River (3/21/2017)

Name	County	WID	Water Type	Source(s)
East Battle Lake	Otter Tail	56-0138-00	Lake	MDNR APM
East Loon Lake	Otter Tail	56-0523-00	Lake	MPCA 2013, MDNR APM
East Lost Lake	Otter Tail	56-0378-00	Lake	MPCA 2013, MDNR APM
East Red River Lake	Otter Tail	56-0573-00	Lake	MDNR 2008b, Survey
East Wing Pond	Otter Tail	56-1787-00	Wetland	MPCA Biomon
Emma Lake	Otter Tail	56-0194-00	Lake	MDNR 2008b, Survey
Equay Lake	Becker	03-0219-00	Lake	MDNR 2008a
Fish Lake	Otter Tail	56-0768-00	Lake	MDNR APM
Flat Lake	Becker	03-0242-00	Lake	2007, MDNR 2008a, 2010
Fogard Lake	Otter Tail	56-0571-00	Lake	MDNR APM
Hanson Lake	Becker	03-0177-00	Lake	MPCA 2013, MDNR APM
Head Lake	Otter Tail	56-0213-00	Lake	MDNR 2008b, MDNR APM
Height Of Land Lake	Becker	03-0195-00	Lake	2007, MDNR 2008a, 2010, MBS 2011, UofM/MPCA 2013, MDNR APM
Heilberger Lake	Otter Tail	56-0695-00	Lake	MPCA 2013, MDNR APM
Hoffman Lake	Otter Tail	56-1627-00	Lake	MDNR APM
Hoot Lake	Otter Tail	56-0782-00	Lake	MPCA 2013, MDNR APM
Hubbel Pond Lake	Becker	03-0240-00	Lake	2007, MDNR 2008a, 2010
Ida Lake	Becker	03-0582-00	Lake	MDNR APM
Jim Lake	Otter Tail	56-0364-00	Lake	MBS 2011, MPCA 2013
Johnson Lake	Becker	03-0199-00	Lake	MDNR 2008a, 2010
Johnson Lake	Becker	03-0374-01	Lake	MDNR APM
Lake Sixteen	Otter Tail	56-0100-00	Lake	2007, MDNR 2008b, 2010
Lida North Lake	Otter Tail	56-0747-01	Lake	MPCA 2013, MDNR APM
Little Flat Lake	Becker	03-0217-00	Lake	MDNR 2008a, 2010, UofM/MPCA 2013
Little Floyd Lake	Becker	03-0386-00	Lake	MPCA 2013, MDNR APM
Little Rice Lake	Becker	03-0239-00	Lake	MDNR 2008a
Little Toad Lake	Becker	03-0189-00	Lake	MPCA 2013, MDNR APM
Lizzie Lake	Otter Tail	56-0760-01	Lake	MDNR APM
Long Lake	Becker	03-0383-00	Lake	MDNR APM
Long Lake	Otter Tail	56-0210-00	Lake	MDNR 2008b, Survey
Long Lake	Otter Tail	56-0784-00	Lake	MDNR APM
Long Lake	Otter Tail	56-0388-00	Lake	MDNR APM
Lower Egg Lake	Becker	03-0210-00	Lake	2007, MDNR 2008a, 2010
Many Point Lake	Becker	03-0158-00	Lake	MBS 2011, MPCA 2013
Maria Lake	Otter Tail	56-0498-00	Lake	MPCA 2013
Marion Lake	Otter Tail	56-0243-00	Lake	MDNR APM
Mud Lake	Otter Tail	56-0222-00	Lake	MDNR 2008b, Survey
Otter Tail Lake	Otter Tail	56-0242-00	Lake	MDNR APM
Otter Tail River	Otter Tail	09020103-541	Stream	MDNR APM
Otter Tail River	Otter Tail	09020103-570	Stream	2007, MDNR 2008b, 2010, MDNR APM
Pelican Lake	Otter Tail	56-0786-00	Lake	MPCA 2013, MDNR APM
Red River Lake	Otter Tail	56-0711-00	Lake	MPCA 2013, MDNR APM

**09020103 Otter Tail River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Reeves Lake	Becker	03-0374-02	Lake	MDNR APM
Rice Lake	Becker	03-0201-00	Lake	MDNR 2008a, 2010, MBS 2011, MDNR APM
Rice Lake	Otter Tail	56-0211-00	Lake	MDNR 2008b, Survey
Rice Lake	Otter Tail	56-0363-00	Lake	MDNR 2008b, Survey
Rose Lake	Otter Tail	56-0360-00	Lake	MPCA 2013, MDNR APM
Round Lake	Becker	03-0155-00	Lake	2007, MDNR 2008b, MBS 2011, MDNR APM
Rush Lake	Otter Tail	56-0141-00	Lake	MDNR 2008b, MDNR APM
Saint Patrick Lake	Becker	03-0277-00	Lake	MPCA 2013
Scalp Lake	Otter Tail	56-0358-00	Lake	MPCA 2013, MDNR APM
Schultz Lake	Becker	03-0278-00	Lake	MDNR 2008a, 2010
Sieverson / Sivertson Lake	Becker	03-0108-00	Lake	MBS 2011, MPCA 2013
Spindler Lake	Becker	03-0214-00	Lake	MDNR 2008a, 2010
Star Lake	Otter Tail	56-0385-00	Lake	2007, MDNR 2008b, 2010, MDNR APM
Stuart Lake	Otter Tail	56-0191-00	Lake	MDNR APM
Tamarac NWR - Egg River- (Ogemash Pool)	Becker	09020103-748	Stream	MDNR 2008a
Tamarack Lake	Becker	03-0388-00	Lake	MDNR APM
Tea Cracker Lake	Becker	03-0157-00	Lake	MDNR 2008a
Toad Lake	Becker	03-0107-00	Lake	MPCA 2013, MDNR APM
Town Lake	Becker	03-0264-00	Lake	MDNR 2008a
Trieglaff Lake	Becker	03-0263-00	Lake	MDNR 2008a, 2010
Unnamed	Otter Tail	56-0927-00	Lake	MDNR 2008b, Survey
Unnamed (Big Slough) Lake	Becker	03-0185-00	Lake	MPCA 2013
Unnamed - Davis Lake	Becker	03-0268-00	Lake	MPCA 2013
Unnamed Lake	Becker	03-1093-00	Lake	MDNR 2008a
Unnamed Lake	Becker	03-0776-00	Lake	MDNR 2008a
Unnamed Lake	Becker	03-0716-00	Lake	MDNR 2008a
Unnamed - Myrel's Pond	Becker	03-1285-00	Wetland	MPCA 2013
Unnamed Osprey Pond	Becker	03-1284-00	Wetland	MPCA 2013
Unnamed - Trout Pond	Becker	03-1286-00	Wetland	MPCA 2013
Upper Egg Lake	Becker	03-0206-00	Lake	2007, MDNR 2008a, 2010
Walker Lake	Otter Tail	56-0310-00	Lake	MDNR APM
West Battle Lake	Otter Tail	56-0239-00	Lake	MDNR 2008b, UofM/MPCA 2013
West Lost Lake	Otter Tail	56-0481-00	Lake	MDNR 2008b, MDNR APM
West Silent	Otter Tail	56-0519-00	Lake	MPCA 2013, MDNR APM
Winter Lake	Becker	03-0216-00	Lake	MDNR 2008a, 2010
Wright Lake	Otter Tail	56-0783-00	Lake	MDNR APM

**09020106 Buffalo River (3/21/2017)**



Name	County	WID	Water Type	Source(s)
Balsam Lake	Becker	03-0292-00	Lake	MDNR 2008a
Big Sugarbush Lake	Becker	03-0304-00	Lake	MPCA 2013, MDNR APM
Buffalo Lake	Becker	03-0350-00	Lake	2007, MDNR 2008a, 2010, MDNR APM
Bullhead Lake	Becker	03-0312-00	Lake	MDNR 2008a
Eagen Lake	Becker	03-0318-00	Lake	2007, MDNR 2008b
Little Round Lake	Becker	03-0302-00	Lake	2007, MDNR 2008b, 2010, UofM/MPCA 2013
Mary Yellowhead Lake	Becker	03-0243-00	Lake	MDNR 2008a
Rice Lake	Becker	03-0291-00	Lake	2007, MDNR 2008a, 2010
Rock Lake	Becker	03-0293-00	Lake	2007, MDNR 2008a, 2010, MDNR APM
St. Clair Lake	Becker	03-0430-00	Lake	MBS 2011, MPCA 2013
Tamarack North Lake	Becker	03-0241-02	Lake	MDNR 2008b, 2010, MBS 2011, MPCA 2013
Tamarack South Lake	Becker	03-0241-01	Lake	MDNR 2008b, 2010, MBS 2011
Unnamed Lake	Becker	03-0434-00	Lake	MDNR 2008a

### 09020108 Wild Rice River (3/21/2017)

Name	County	WID	Water Type	Source(s)
Anderson Lake	Clearwater	15-0074-00	Lake	MDNR 2008a
Big Rat Lake	Becker	03-0246-00	Lake	MDNR 2008a, 2010
Cabin Lake	Becker	03-0346-00	Lake	2007, MDNR 2008b, 2010
Depressional Wetland	Mahnomen	44-0054-00	Wetland	MPCA Biomon
Gull Creek	Becker	09020108-569	Stream	2007, MDNR 2008b
Lone Long Lake	Mahnomen	44-0002-00	Lake	2007, MDNR 2008b, MBS 2011
Lower Rice Lake	Clearwater	15-0130-00	Lake	2007, MDNR 2008a, 2010
Mahn	Mahnomen	44-0572-00	Wetland	MPCA Biomon
McCraney Lake	Mahnomen	44-0080-00	Lake	MPCA 2013, MDNR APM
Minerva Lake	Clearwater	15-0079-00	Lake	2007, MDNR 2008a, 2010
Mud Lake	Clearwater	15-0061-00	Lake	2007, MDNR 2008a, 2010
Roy Lake	Mahnomen	44-0001-00	Lake	MDNR 2008b, Survey
Unnamed (Rice Bed)	Clearwater	15-0021-00	Lake	MDNR 2008a, 2010
Upper Rice Lake	Clearwater	15-0059-00	Lake	2007, MDNR 2008a, 2010, MBS 2011
White Earth Lake	Becker	03-0328-00	Lake	MPCA 2013, MDNR APM
Wild Rice River	Clearwater	09020108-512	Stream	UofM/MPCA 2013, 2008b, Survey
Wild Rice River	Mahnomen	09020108-510	Stream	MPCA Biomon

**09020302 Upper/Lower Red Lake (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Blackduck Lake	Beltrami	04-0069-00	Lake	MDNR APM
Blackduck River	Beltrami	09020302-513	Stream	MPCA Biomon
Cranberry Lake	Beltrami	04-0123-00	Lake	2007, MDNR 2008a, 2010
George Lake	Beltrami	04-0175-00	Lake	MDNR 2008a
Gourd Lake	Beltrami	04-0253-00	Lake	UofM/MPCA 2013
Heart Lake	Beltrami	04-0271-00	Lake	2007, MDNR 2008b
Little Puposky Lake	Beltrami	04-0197-00	Lake	MDNR 2008a, 2010
Medicine Lake	Beltrami	04-0122-00	Lake	MDNR 2008a, 2010
Norman Lake	Beltrami	04-0029-00	Lake	MDNR 2008a
Puposky Lake	Beltrami	04-0198-00	Lake	MDNR 2008a, 2010
Whitefish Lake	Beltrami	04-0309-00	Lake	2007, MDNR 2008b

**09020305 Clearwater River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Bagley Lake	Clearwater	15-0040-00	Lake	2007, MDNR 2008b
Bee Lake	Polk	60-0192-00	Lake	MPCA 2013, UofM/MPCA 2013
Clearwater River	Clearwater	09020305-517	Stream	UofM/MPCA 2013
Clearwater Lake	Beltrami	04-0343-00	Lake	MDNR 2008b, MDNR APM
Clearwater River	Clearwater/Pennington	09020305-647	Stream	2007, MDNR 2008b, 2010, UofM/MPCA 2013
Eighteen Lake	Polk	60-0199-00	Lake	MPCA 2013, UofM/MPCA 2013
First Lake	Clearwater	15-0139-00	Lake	MDNR 2008a
Lomond Lake	Clearwater	15-0081-00	Lake	MDNR 2008a
Minnow Lake	Clearwater	15-0137-00	Lake	MPCA 2013, MDNR APM
Pine Lake	Clearwater	15-0149-00	Lake	MDNR 2008a, 2010, UofM/MPCA 2013
Second Lake	Clearwater	15-0140-00	Lake	MDNR 2008a, MBS 2011
Second Lake	Clearwater	15-0091-00	Lake	UofM/MPCA 2013
Spike Lake	Clearwater	15-0035-00	Lake	MBS 2011, MPCA 2013
Third Lake	Clearwater	15-0141-00	Lake	MDNR 2008a
Unnamed (Round) Lake	Polk	60-0721-00	Lake	MDNR 2008a
Walker Brook Lake	Clearwater	15-0060-00	Lake	MBS 2011, MPCA 2013

**09020314 Roseau River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Roseau Flowage	Lake of the Woods	39-0009-00	Lake	MDNR 2008a, 2010
Roseau River WMA - Pool 2	Roseau	68-0006-00	Lake	MPCA 2013
Roseau River WMA - Pool 3	Roseau	68-0007-00	Lake	MPCA 2013

## St. Croix River Basin

### Key for Sources

Source	Abbreviation for Source
Natural Wild Rice in Minnesota—A Wild Rice Study Report to the Legislature	MDNR 2008a, MDNR 2008b
Minnesota DNR Wild Rice Harvester Survey Report	2007
Minnesota Wild Rice Management Workgroup List of 350 Important Wild Rice Waters	2010
1854 Treaty Authority List of Wild Rice Waters (3/24/16 version)	1854 List
MDNR Aquatic Plant Management Database	MDNR APM
MPCA Biomonitoring Field Sites	MPCA Biomon
University of Minnesota/MPCA Wild Rice Study Field Survey Sites	U of M/MPCA 2013
Minnesota Biological Survey Database	MBS 2011, MBS 2017
MPCA 2013 Call for Data	MPCA 2013
Permittee Monitoring	Permittee
WR Waters (7050.0470)	7050.047
Waters identified by MDNR in 2015 as wild rice waters	MDNR 2015
Waters identified through MPCA review of various water surveys	Survey

MDNR 2008a indicates waters in MDNR 2008 report with greater than or equal to 2 acres of wild rice.

MDNR 2008b indicates waters in MDNR 2008 report with estimates of less than 2 acres of wild rice or without acreage estimates.

### 07030001 Upper St. Croix River (3/21/2017)

Name	County	WID	Water Type	Source(s)
Crooked Lake	Pine	58-0026-00	Lake	2007, MDNR 2008a, 2010
Hay Creek	Pine	07030001-511	Stream	2007
Hay Creek Flowage	Pine	58-0005-00	Lake	MDNR 2008a, 2010, UofM/MPCA 2013
Riparian, stream wetland	Pine	07030001-549	Wetland	MPCA Biomon

### 07030003 Kettle River (3/21/2017)

Name	County	WID	Water Type	Source(s)
Bob Lake	Carlton	09-0026-00	Lake	1854 List, MDNR 2008b
Cedar Lake	Pine	58-0089-00	Lake	MDNR 2008b, Survey
Fox Lake	Pine	58-0102-00	Lake	MDNR 2008b, Survey
Grindstone River (South Fork)	Pine	07030003-516	Stream	MPCA Biomon
Kettle Lake	Carlton	09-0074-00	Lake	1854 List, MPCA 2013
Kettle Lake	Carlton	09-0049-00	Lake	1854 List, 2007, MDNR 2008a, 2010
Kettle River	Pine	07030003-502	Stream	MDNR 2008b, Survey
Kettle River	Carlton	07030003-511	Stream	1854 List
Little Island Lake	Pine	58-0061-00	Lake	1854 List, MPCA 2013
Little Kettle Lake	Carlton	09-0077-00	Lake	1854 List, 2010, MPCA 2013
Little North Sturgeon Lake	Pine	58-0066-00	Lake	1854 List, MDNR 2008b
McCormick Lake	Pine	58-0058-00	Lake	MDNR 2008b, Survey
Moose (Little) Lake	Carlton	09-0043-00	Lake	1854 List, MDNR 2008b, MBS 2017
Moose Horn River	Carlton	07030003-531	Stream	1854 List, 2007, 2010

**07030003 Kettle River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Moosehead Lake	Carlton	09-0041-00	Lake	1854 List, MDNR 2008b
Pine Lake	Aitkin	01-0001-00	Lake	MDNR 2008a
Sawyer WMA (Sawyer Pool)	Carlton	09-0145-00	Lake	1854 List, MPCA 2013
Sawyer WMA (Sterly Pool)	Carlton	09-0187-00	Lake	1854 list, MDNR2008a
Split Rock Lake	Aitkin	01-0002-00	Lake	1854 List, MDNR 2008b
Stanton Lake	Pine	58-0111-00	Lake	MDNR 2008a, MDNR APM
Unnamed (SW Torchlight)	Carlton	09-0027-00	Lake	1854 List, MPCA 2013
Walli Lake	Carlton	09-0071-00	Lake	1854 List, MPCA 2013
Wild Rice Lake	Carlton	09-0023-00	Lake	1854 List, MDNR 2008a, 2010, UofM/MPCA 2013
Willow River	Pine	07030003-504	Stream	2007, MDNR 2008b, 2010

**07030004 Snake River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Ann Lake	Kanabec	33-0040-00	Lake	2007, MDNR 2008a
Ann riparian wetland	Kanabec	07030004-511	Riparian wetland	MPCA Biomon
Dewitt Marsh Lake	Mille Lacs	48-0020-00	Lake	MDNR 2008a, 2010
Ernst Pool Lake	Mille Lacs	48-0036-00	Lake	MDNR 2008a, 2010
Mille Lacs WMA, Headquarters 2 P	Mille Lacs	48-0044-03	Wetland	MDNR 2008a
Mille Lacs WMA, Jones 1 Pool	Mille Lacs	48-0044-02	Wetland	MDNR 2008a
Mille Lacs WMA, Olson Pool	Mille Lacs	48-0074-00	Wetland	MDNR 2008a
Mille Lacs WMA, Townhall Pool	Mille Lacs	48-0078-00	Wetland	MDNR 2008a
Mission Creek	Pine	07030004-547	Stream	UofM/MPCA 2013
Mud (Quamba) Lake	Kanabec	33-0015-00	Lake	MDNR 2008b, Survey
Pokegama Creek	Pine	07030004-533	Stream	2007, MDNR 2008b
Pokegama Creek (Pokegama River)	Pine	07030004-533	Riparian, stream wetland	MPCA Biomon
Pokegama Lake	Pine	58-0142-00	Lake	MDNR 2008a MDNR APM
Snake River Bay	Pine	07030004-503	Stream	MDNR APM
Unnamed (Pool 3)	Mille Lacs	48-0054-00	Lake	MDNR 2008a
Unnamed Lake	Mille Lacs	48-0043-00	Lake	MDNR 2008a
Unnamed Lake	Kanabec	33-0111-00	Lake	MDNR 2008a
Upper Rice Lake	Isanti	30-0057-00	Lake	MDNR 2008a, 2010

07030005 Lower St. Croix River (3/21/2017)

Name	County	WID	Water Type	Source(s)
Carlos Avery WMA - Mud	Chisago	13-0059-02	Lake	MPCA 2013
Carlos Avery WMA - North Sunrise Pool	Chisago	13-0059-03	Lake	MPCA 2013
Carlos Avery WMA - Peterson Slough	Chisago	13-0060-00	Lake	MPCA 2013
Carlos Avery WMA - Pool 1	Anoka	02-0505-00	Lake	MDNR 2008a
Carlos Avery WMA - Pool 2	Anoka	02-0505-00	Lake	MDNR 2008a
Carlos Avery WMA - Pool 3	Anoka	02-0505-00	Lake	MDNR 2008a, 2010
Carlos Avery WMA - Pool 5	Anoka	02-0504-00	Lake	MDNR 2008a
Carlos Avery WMA - Pool 7	Anoka	02-0497-00	Lake	MDNR 2008a
Carlos Avery WMA - Pool 9	Anoka	02-0504-00	Lake	MDNR 2008a, 2010, UofM/MPCA 2013
Carlos Avery - Pool 9 (2)	Anoka	02-0508-00	Lake	MDNR 2008a
Carlos Avery WMA - Pool 22	Anoka	02-0029-00	Lake	MDNR 2008a
Carlos Avery WMA - Pool 24	Anoka	02-0496-00	Lake	MDNR 2008a
Carlos Avery WMA - Pool 26	Anoka	02-0020-00	Lake	MDNR 2008a
Carlos Avery WMA - South Sunrise Pool	Chisago	13-0059-01	Lake	MPCA 2013
Little Coon Lake	Anoka	02-0032-00	Lake	MDNR 2008a

# Upper Mississippi Basin

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Natural Wild Rice in Minnesota—A Wild Rice Study Report to the Legislature	MDNR 2008a, MDNR 2008b
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MPCA Biomonitoring Field Sites	MPCA Biomon
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Minnesota Biological Survey Database	MBS 2011, MBS 2017
MPCA 2013 Call for Data	MPCA 2013
Permittee Monitoring	Permittee
WR Waters (7050.0470)	7050.047
Waters identified by MDNR in 2015 as wild rice waters	MDNR 2015
Waters identified through MPCA review of various water surveys	Survey

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MDNR 2008b indicates waters in MDNR 2008 report with estimates of less than 2 acres of wild rice or without acreage estimates.

## 07010101 Mississippi - Headwaters (3/21/2017)

Name	County	WID	Water Type	Source(s)
Bass Lake	Itasca	31-0576-00	Lake	2007, MDNR 2008a, 2010, UofM/MPCA 2013
Big Vermillion Lake	Cass	11-0029-00	Lake	MDNR APM
Blackwater Lake	Itasca	31-0561-00	Lake	2007, MDNR 2008a, 2010
Bootleg Lake	Beltrami	04-0211-00	Lake	2007, MDNR 2008a, 2010
Campbell Lake	Beltrami	04-0196-00	Lake	MDNR 2008a, MBS 2011
Carr Lake	Beltrami	04-0141-00	Lake	2007, MDNR 2008a
Damon Lake	Itasca	31-0944-00	Lake	2007, MDNR 2008a
Decker Lake	Itasca	31-0934-00	Lake	MDNR 2008a, 2010
Depressional Wetland	Beltrami	04-0460-00	Wetland	MPCA Biomon
Dixon Lake	Itasca	31-0921-00	Lake	2007, MDNR 2008a, 2010
Dutchman Lake	Beltrami	04-0067-00	Lake	MDNR 2008b, Survey
Elk Lake	Clearwater	15-0010-00	Lake	MDNR 2008b, UofM/MPCA 2013
Erickson NW Lake	Beltrami	04-0068-01	Lake	MDNR 2008b, 2010
Erickson SE Lake	Beltrami	04-0068-02	Lake	MDNR 2008b, 2010
Gill Lake	Clearwater	15-0019-00	Lake	MDNR 2008a
Grant Creek	Beltrami	07010101-546	Stream	2007, MDNR 2008b
Gull Lake	Beltrami	04-0064-00	Lake	MDNR 2008a
Gull Lake	Beltrami	04-0120-00	Lake	UofM/MPCA 2013
Hattie Lake	Hubbard	29-0300-00	Lake	MDNR 2008b, Survey

07010101 Mississippi - Headwaters (3/21/2017)

Name	County	WID	Water Type	Source(s)
Irving Lake	Beltrami	04-0140-00	Lake	MDNR 2008a, 2010
Island Lake	Itasca	31-0754-00	Lake	MDNR 2008a
Itasca Lake	Clearwater	15-0016-00	Lake	MDNR 2008b, UofM/MPCA 2013
Lake Alice	Hubbard	29-0286-00	Lake	2007, MDNR 2008a, 2010
Lake George	Hubbard	29-0216-00	Lake	2007, MDNR 2008a, 2010, MBS 2011
Lillian Lake	Itasca	31-0750-00	Lake	MDNR 2008a
Little Drum Lake	Itasca	31-0741-00	Lake	MDNR 2008a
Little Moose Lake	Itasca	31-0610-00	Lake	MDNR 2008a
Little Rice Lake	Itasca	31-0716-00	Lake	MDNR 2008b, Survey
Little Turtle Lake	Beltrami	04-0155-00	Lake	MDNR 2008a
Little Vermillion Lake	Cass	11-0030-00	Lake	MDNR 2008a
Long Lake	Beltrami	04-0227-00	Lake	MPCA 2013, MDNR APM
Mallard Lake	Clearwater	15-0018-00	Lake	MDNR 2008a
Manomin Lake	Beltrami	04-0286-00	Lake	2007, MDNR 2008a, 2010
Marie Lake	Itasca	31-0937-00	Lake	MDNR 2008a
Marquette Lake	Beltrami	04-0142-00	Lake	MDNR 2008b, MDNR APM
Mary Lake	Hubbard	29-0289-00	Lake	MBS 2011, MPCA 2013
Mississippi River	Itasca	07010101-756	Stream	2007, MDNR 2008b, 2010, UofM/MPCA 2013, MDNR APM
Mississippi River	Clearwater/Hubbard	07010101-753	Stream	2007, MDNR 2008b
Moose Lake	Beltrami	04-0342-00	Lake	2007, MDNR 2008b, MBS 2011
Moose Lake	Beltrami	04-0011-00	Lake	MDNR 2008a, 2010
Morph Lake	Itasca	31-0929-00	Lake	MDNR 2008a MDNR APM
Movil Lake	Beltrami	04-0152-00	Lake	MPCA 2013, MDNR APM
Mud Lake	Hubbard	29-0065-00	Lake	MBS 2011, MPCA 2013
Munzer Lake	Itasca	31-0360-00	Lake	MDNR 2008a
North Turtle River	Beltrami	07010101-570	Stream	MPCA Biomon
Pimushe Lake	Beltrami	04-0032-00	Lake	2007, MDNR 2008a, 2010, MBS 2011
Plantagenet Lake	Hubbard	29-0156-00	Lake	MDNR 2008b, MDNR APM
Pokegama Lake	Itasca	31-0532-00	Lake	MDNR 2008a, 2010, MDNR APM
Rabideau Lake	Beltrami	04-0034-00	Lake	2007, MDNR 2008a, 2010, MBS 2011, MDNR APM
Rice Lake	Itasca	31-0717-00	Lake	MDNR 2008b, Survey
Rice Pond	Beltrami	04-0059-00	Lake	MDNR 2008a, 2010
Schoolcraft Lake	Hubbard	29-0215-00	Lake	2007, MDNR 2008a, MBS 2011
Skimmerhorn Lake	Itasca	31-0939-00	Lake	MDNR 2008a

**07010101 Mississippi - Headwaters (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Skunk Lake	Cass	11-0027-00	Lake	MDNR 2008a
Spring Lake	Cass	11-0022-00	Lake	MDNR 2008a
Stevens	Itasca	31-0718-00	Lake	MDNR 2008a
Sucker Lake	Clearwater	15-0020-00	Lake	2007, MDNR 2008a, 2010, MBS 2011
Third River	Itasca	07010101-526	Stream	2007
Three Island Lake	Beltrami	04-0134-00	Lake	2007, MDNR 2008a, 2010
Turtle Lake	Beltrami	04-0159-00	Lake	MBS 2011, MPCA 2013, MDNR APM
Turtle River	Beltrami	07010101-510	Stream	MPCA Biomon
Turtle River Lake	Beltrami	04-0111-00	Lake	2007, MDNR 2008b, 2010, MDNR APM
White Oak Lake	Itasca	31-0776-00	Lake	2007, MDNR 2008a, 2010
Winnibigoshish Lake	Cass	11-0147-00	Lake	2007, MDNR 2008a, 2010

**07010102 Leech Lake River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Baby Lake	Cass	11-0283-00	Lake	MDNR 2008a
Bass Lake 2	Hubbard	29-0132-00	Lake	MBS 2011, MPCA 2013
Big Sand Lake	Cass	11-0077-00	Lake	MDNR 2008a, MBS 2011
Birch Lake	Cass	11-0412-00	Lake	MDNR 2008b, MDNR APM
Boy Lake	Cass	11-0143-00	Lake	2007, MDNR 2008a, 2010, MDNR APM
Boy River	Cass	07010102-520	Stream	MDNR 2008b, MPCA Biomon
Boy River	Cass	07010102-518	Stream	2007, MDNR 2008b
Cedar Lake	Cass	11-0082-00	Lake	MBS 2011, MPCA 2013
Cedar Lake	Cass	11-0481-00	Lake	MDNR 2008a
Child Lake	Cass	11-0263-00	Lake	MDNR 2008a, MBS 2011, MDNR APM
Garfield Lake	Hubbard	29-0061-00	Lake	2007, MDNR 2008a, 2010, MDNR APM
Girl Lake	Cass	11-0174-00	Lake	MPCA 2013, MDNR APM
Goose Lake	Cass	11-0096-00	Lake	2007, MDNR 2008a, 2010, MBS 2011
Hart Lake	Hubbard	29-0063-00	Lake	2007, MDNR 2008a, 2010, MBS 2011
Horseshoe Lake	Hubbard	29-0059-00	Lake	MDNR 2008b, MBS 2011, MDNR APM
Hunter Lake	Cass	11-0170-00	Lake	MDNR 2008a
Inguadona Lake	Cass	11-0120-00	Lake	2007, MDNR 2008a, MBS 2011
Kabekona Lake	Hubbard	29-0075-00	Lake	2007, MDNR 2008b
Kabekona River	Hubbard	07010102-511	Stream	2007, MDNR 2008b
Kerr Lake	Cass	11-0268-00	Lake	MDNR 2008b, Survey
Kid Lake	Cass	11-0262-00	Lake	MDNR 2008a
Laura Lake	Cass	11-0104-00	Lake	2007, MDNR 2008a, 2010, MBS 2011
Leech Lake	Cass	11-0203-00	Lake	2007, MDNR 2008a, 2010
Little Boy Lake	Cass	11-0167-00	Lake	MDNR 2008a
Little Gulch Lake	Hubbard	29-0123-00	Lake	MBS 2011, MPCA 2013



**07010102 Leech Lake River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Little Swift Lake	Cass	11-0131-00	Lake	MDNR 2008a
Little Woman Lake	Cass	11-0265-00	Lake	MDNR 2008a, MBS 2011
Lower Milton Lake	Cass	11-0080-00	Lake	MDNR 2008a
Lower Trelipe Lake	Cass	11-0129-00	Lake	2007, MDNR 2008a, MDNR APM
McCarthy Lake	Cass	11-0168-00	Lake	MDNR 2008a, 2010
McKeown Lake	Cass	11-0261-00	Lake	MDNR 2008a
Moon Lake	Cass	11-0078-00	Lake	MDNR 2008a
Mud Lake	Cass	11-0100-00	Lake	2007, MDNR 2008a, 2010, MBS 2011
Necktie River	Hubbard	07010102-502	Stream	2007, MDNR 2008b
Oak Lake	Hubbard	29-0060-00	Lake	2007, MDNR 2008b
Ododikossi Lake	Cass	11-0074-00	Lake	MDNR 2008a
Oxbow Lake	Cass	11-0075-00	Lake	MDNR 2008a
Pick Lake	Cass	11-0267-00	Lake	MDNR 2008b, MBS 2011
Pleasant Lake	Cass	11-0383-00	Lake	MPCA 2013, UofM/MPCA 2013
Portage Lake	Cass	11-0476-00	Lake	2007, MDNR 2008b, 2010
Portage Lake	Cass	11-0204-00	Lake	MPCA 2013, MDNR APM
Rice Lake	Cass	11-0162-00	Lake	MDNR 2008a, 2010, MDNR APM
Shingobee Lake	Hubbard	29-0043-00	Lake	MBS 2011, MPCA 2013
Swift Lake	Cass	11-0133-00	Lake	MDNR 2008a, 2010, MBS 2011, MDNR APM
Tamarack Lake	Cass	11-0189-00	Lake	MDNR 2008a
Twin (East Twin) Lake	Cass	11-0123-00	Lake	MDNR 2008a, 2010, MBS 2011
Upper Trelipe Lake	Cass	11-0105-00	Lake	MPCA 2013, MDNR APM
Wabedo Lake	Cass	11-0171-00	Lake	MDNR 2008a, MBS 2011
Wax Lake	Cass	11-0124-00	Lake	MDNR 2008a
West Twin Lake	Cass	11-0125-00	Lake	MDNR 2008a
Woman Lake	Cass	11-0201-00	Lake	2007, MDNR 2008a, 2010, MDNR APM

**07010103 Mississippi River - Grand Rapids (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Aitkin Lake	Aitkin	01-0040-00	Lake	2007, MDNR 2008a, 2010, MDNR APM
Anderson Lake	Aitkin	01-0031-00	Lake	MDNR 2008a
Ann Lake	Itasca	31-0305-00	Lake	MDNR 2008a
Big Birch Lake	Cass	11-0017-00	Lake	MDNR 2008a, 2010
Big Rice Lake	Cass	11-0073-00	Lake	2007, MDNR 2008a, 2010, MBS 2011
Big Sandy Lake	Aitkin	01-0062-00	Lake	2007, MDNR 2008a, 2010, MDNR APM
Blackberry Lake	Itasca	31-0210-00	Lake	2007, MDNR 2008a, 2010
Bluebill Lake	Itasca	31-0265-00	Lake	MDNR 2008a
Bosley Lake	Itasca	31-0403-00	Lake	MDNR 2008a
Brown Lake	Aitkin	01-0078-00	Lake	MDNR 2008a
Buckman Lake	Itasca	31-0272-00	Lake	MDNR 2008a
Clear Lake	Aitkin	01-0106-00	Lake	MDNR 2008a

**07010103 Mississippi River - Grand Rapids (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Clearwater Lake	Itasca	31-0402-00	Lake	MDNR 2008a
Cornish Lake	Aitkin	01-0427-00	Lake	MDNR 2008a, MPCA 2013
Crescent Lake	Itasca	31-0294-00	Lake	MDNR 2008a
Crooked Lake	Itasca	31-0193-00	Lake	MPCA 2013, MBS 2017
Crooked Lake	Itasca	31-0203-00	Lake	2007, MDNR 2008a
Cross Lake	Carlton	09-0062-00	Lake	1854 List, MDNR 2008a
Davis Lake	Aitkin	01-0071-01	Lake	2007, MDNR 2008a
Day Brook	Itasca, St. Louis	07010103-542	Stream	Permittee
Flowage Lake	Aitkin	01-0061-00	Lake	2007, MDNR 2008a, 2010, MBS 2011, UofM/MPCA 2013
Flower Lake	Carlton	09-0064-00	Lake	1854 List, MDNR 2008a
Gunny Sack Lake	Itasca	31-0267-00	Lake	MDNR 2008a
Hay Lake	Itasca	31-0037-00	Lake	MDNR 2008b, UofM/MPCA 2013
Hockey Lake	St. Louis	69-0849-00	Lake	1854 List, 2007, MDNR 2008a, 2010
Horseshoe Lake	Aitkin	01-0034-00	Lake	MPCA 2013, MDNR APM
Hunters Lake	Itasca	31-0450-00	Lake	MDNR 2008a
Island Lower Lake	Carlton	09-0060-02	Lake	1854 List, 2007, MDNR 2008b, 2010
Island Upper Lake	Carlton	09-0060-01	Lake	1854 List, 2007, MDNR 2008b, 2010
Lawrence Lake	Itasca	31-0231-00	Lake	MDNR 2008a MDNR APM
Little Birch Lake	Cass	11-0018-00	Lake	MDNR 2008a, MBS 2011
Little Hill River WMA - Impoundment	Aitkin	01-0433-00	Lake	MDNR 2008a
Little McKinney Lake	Aitkin	01-0197-00	Lake	MDNR 2008a
Little Red Horse Lake	Aitkin	01-0052-00	Lake	2007, MDNR 2008a
Long Lake	Carlton	09-0066-00	Lake	1854 List, MDNR 2008a, 2010
Marble Lake	Itasca	31-0271-00	Lake	MDNR 2008a
Minnewawa Lake	Aitkin	01-0033-00	Lake	2007, MDNR 2008a, 2010
Moose Lake	Aitkin	01-0140-00	Lake	2007, MDNR 2008a, 2010
Moose Lake	Itasca	31-0242-00	Lake	MPCA 2013
Moose River	Aitkin	07010103-524	Stream	MDNR 2008b, Survey
Moose River Pool	Aitkin	01-0358-00	Lake	MDNR 2008a, 2010
Moose Willow WMA - Willow Pool	Aitkin	01-0431-00	Lake	MDNR 2008a, 2010
Mud Lake	Itasca	31-0206-00	Lake	MDNR 2008a, 2010
Mud Lake	Aitkin	01-0194-00	Lake	MDNR 2008a, 2010
Nagel Lake	Itasca	31-0377-00	Lake	MDNR 2008a, 2010
Nelson Lake	Aitkin	01-0010-00	Lake	1854 List, MDNR 2008b
O'Brien (Leighton) Lake	Itasca	31-0032-00	Lake	MDNR 2008a
O'Donnell Lake	Itasca	31-0303-00	Lake	MDNR 2008a
Ox Hide Lake	Itasca	31-0106-00	Lake	UofM/MPCA 2013
Prairie Lake	Itasca	31-0384-00	Lake	MDNR 2008a, 2010

**07010103 Mississippi River - Grand Rapids (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Prairie Lake	Itasca	31-0053-00	Lake	2007, MDNR 2008b, 2010
Prairie Lake	St. Louis	69-0848-00	Lake	1854 List, MDNR 2008a
Prairie River	Itasca	07010103-508	Stream	2007, MDNR 2008b, UofM/MPCA 2013
Prairie River	Aitkin	07010103-515	Stream	2007, MDNR 2008b, 2010
Prairie River	St. Louis	07010103-516	Stream	1854 List
Rat House Lake	Aitkin	01-0053-00	Lake	2007, MDNR 2008a, 2010
Rat Lake	Aitkin	01-0077-00	Lake	2007, MDNR 2008a, 2010, MDNR APM
Red Lake	Aitkin	01-0107-00	Lake	2007, MDNR 2008a, 2010, MDNR APM
Rice Lake	Aitkin	01-0005-00	Lake	2007, MDNR 2008a, 2010
Rice Lake	Itasca	31-0201-00	Lake	MDNR 2008a
Rice Pad	Cass	11-0720-00	Lake	MDNR 2008a
Rock Lake	Aitkin	01-0072-00	Lake	MDNR 2008a, 2010, MPCA 2013
Sailor Lake	Cass	11-0019-00	Lake	MDNR 2008a
Salo Marsh State WMA Imp.	Aitkin	01-0415-00	Lake	1854 List, MDNR 2008a, 2010
Sanders Lake	Aitkin	01-0076-00	Lake	MDNR 2008a
Sandy River	Aitkin	07010103-512	Stream	MDNR 2008b, Survey
Sandy River Lake	Aitkin	01-0060-00	Lake	2007, MDNR 2008a, 2010, MDNR APM
Savanna Lake	Aitkin	01-0014-00	Lake	MDNR 2008b, Survey
Savanna River	Aitkin	07010103-514	Stream	2007, MDNR 2008b
Shovel Lake	Aitkin	01-0200-00	Lake	2007, MDNR 2008a, 2010
Soneman Lake	Itasca	31-0276-00	Lake	MDNR 2008a
Spruce Lake	Itasca	31-0347-00	Lake	MDNR 2008a, 2010
Steamboat Lake	Aitkin	01-0071-02	Lake	MDNR 2008a
Stony Lake	Aitkin	01-0017-00	Lake	MDNR 2008a
Swan Lake (Southwest Bay)	Itasca	31-0067-03	Lake	2007, MDNR 2008a, 2010, UofM/MPCA 2013, Permittee
Swan River	Itasca	07010103-506	Stream	Permittee
Tamarack Lake	Carlton	09-0067-00	Lake	1854 List, MDNR 2008a, 2010, MDNR APM
Tamarack River	Carlton	07010103-521	Stream	1854 List, MDNR 2008b, 2010
Tamarack River	Aitkin	07010103-521	Stream	MDNR 2008b, Survey
Thiebault Lake	Cass	11-0020-00	Lake	MDNR 2008a
Third Guide Lake	Cass	11-0001-00	Lake	MDNR 2008a
Thunder Lake	Cass	11-0062-00	Lake	MDNR 2008a
Unnamed Lake	Itasca	31-0204-00	Lake	MDNR 2008a
Washburn Lake	Aitkin	01-0111-00	Lake	MDNR 2008a
White Elk Lake	Aitkin	01-0148-00	Lake	2007, MDNR 2008a, 2010
White Fish Lake	Itasca	31-0142-00	Lake	MDNR 2008a
Wolf Lake	Itasca	31-0152-00	Lake	MPCA 2013, MBS 2017
Woodbury Lake	Carlton	09-0063-00	Lake	1854 List, MDNR 2008a

**07010104 Mississippi River - Brainerd (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Bay Lake	Crow Wing	18-0034-00	Lake	MDNR 2008b, MDNR APM
Beauty Lake	Todd	77-0035-00	Lake	MPCA 2013, MDNR APM
Big Swan Lake	Todd	77-0023-00	Lake	MPCA 2013, UofM/MPCA 2013, MDNR APM
Birch Lake	Aitkin	01-0206-00	Lake	MDNR 2008a
Blind Lake	Aitkin	01-0188-00	Lake	2007, MDNR 2008a, MDNR APM
Buffalo Lake	Crow Wing	18-0152-00	Lake	MDNR 2008a
Camp Lake	Aitkin	01-0098-00	Lake	MDNR 2008a
Cedar Lake	Aitkin	01-0209-00	Lake	MPCA 2013, MDNR APM
Crow Wing Lake	Crow Wing	18-0155-00	Lake	2007, MDNR 2008b
Deadmans Lake	Crow Wing	18-0188-00	Lake	MDNR 2008a
Deer Lake	Crow Wing	18-0182-00	Lake	MDNR 2008a
Dog Lake	Crow Wing	18-0107-00	Lake	MDNR 2008a, 2010
Elm Island Lake	Aitkin	01-0123-00	Lake	2007, MDNR 2008a, 2010, MDNR APM
Farm Island Lake	Aitkin	01-0159-00	Lake	2007, MDNR 2008a MDNR APM
Faupel Lake	Crow Wing	18-0237-00	Lake	MDNR 2008a
Flanders Lake	Crow Wing	18-0247-00	Lake	MDNR 2008a
Fleming Lake	Aitkin	01-0105-00	Lake	MDNR 2008b, MDNR APM
Gilbert Lake	Crow Wing	18-0320-00	Lake	MDNR 2008a MDNR APM
Gun Lake	Aitkin	01-0099-00	Lake	MDNR 2008a, 2010, MDNR APM
Half Moon Lake	Crow Wing	18-0238-00	Lake	2007, MDNR 2008a
Hanging Kettle Lake	Aitkin	01-0170-00	Lake	MPCA 2013, MDNR APM
Happy Lake	Crow Wing	18-0101-00	Lake	MDNR 2008a
Hay Lake	Crow Wing	18-0444-00	Lake	MDNR 2008a
Hay Lake	Crow Wing	18-0120-00	Lake	MDNR APM
Hickory Lake	Aitkin	01-0179-00	Lake	MDNR 2008a, MDNR APM
Horseshoe Lake	Crow Wing	18-0317-00	Lake	MDNR 2008a
Island Lake	Crow Wing	18-0052-00	Lake	MDNR 2008a
Island Lake	Crow Wing	18-0383-00	Lake	MDNR 2008a
Jewett State WMA - Impoundment	Aitkin	01-0383-00	Lake	MDNR 2008a
Johnson Lake	Aitkin	01-0131-00	Lake	MDNR 2008a
Killroy Lake	Aitkin	01-0238-00	Lake	MDNR 2008a
Kimberly WMA - Lower Pool	Aitkin	01-0411-00	Lake	MDNR 2008a
Kimberly WMA – Upper Pool	Aitkin	01-0410-00	Lake	MDNR 2008a
Krilwitz Lake	Aitkin	01-0283-00	Lake	MDNR 2008a
Lily Lake	Aitkin	01-0088-00	Lake	MDNR 2008a
Little Pine Lake	Aitkin	01-0176-00	Lake	MDNR 2008b, MDNR APM
Little Willow R. WMA - Upper Pool	Aitkin	01-0420-00	Lake	MDNR 2008a
Little Willow River WMA Pool 2	Aitkin	01-0332-00	Lake	MDNR 2008a
Long Lake	Todd	77-0027-00	Lake	MPCA 2013, MDNR APM

**07010104 Mississippi River - Brainerd (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Lower Dean Lake	Crow Wing	18-0181-00	Lake	2007, MDNR 2008a, 2010
Lower Mission Lake	Crow Wing	18-0243-00	Lake	MDNR 2008a, 2010, MDNR APM
Mallard Lake	Aitkin	01-0149-00	Lake	2007, MDNR 2008a, 2010
Mandy Lake	Aitkin	01-0068-00	Lake	MDNR 2008a
Maple Lake	Crow Wing	18-0045-00	Lake	MDNR 2008a
Miller Lake	Morrison	49-0051-00	Lake	MDNR 2008a
Mississippi River	Crow Wing	07010104-656	Stream	2007, MDNR 2008b, 2010, UofM/MPCA 2013, MDNR APM
Monson Lake	Aitkin	01-0126-00	Lake	MDNR 2008a
Mud Lake	Crow Wing	18-0094-00	Lake	MDNR 2008a
Mud Lake	Crow Wing	18-0137-00	Lake	MDNR 2008a, 2010
Nelson Lake	Crow Wing	18-0164-00	Lake	MDNR 2008a, 2010
Newstrom Lake	Aitkin	01-0097-00	Lake	2007, MDNR 2008a, 2010
Olson Lake	Crow Wing	18-0171-00	Lake	MDNR 2008a
Pointon Lake	Crow Wing	18-0105-00	Lake	MDNR 2008a, MPCA 2013
Portage Lake	Aitkin	01-0069-00	Lake	MDNR 2008a
Rice (Blomberg's) Lake	Crow Wing	18-0121-00	Lake	MDNR 2008a, 2010
Rice (Deerwood) Lake	Crow Wing	18-0068-00	Lake	2007, MDNR 2008a, 2010
Rice (Hesitation WMA) Lake	Crow Wing	18-0053-00	Lake	2007, MDNR 2008a, 2010, UofM/MPCA 2013
Rice (Pratt's) Lake	Crow Wing	18-0316-00	Lake	MDNR 2008a, 2010
Rice Lake	Aitkin	01-0067-00	Lake	MDNR 2008a, 2010
Rice River	Aitkin	07010104-508	Stream	MDNR 2008b, Survey
Ripple Lake	Aitkin	01-0146-00	Lake	MDNR 2008a, 2010, MDNR APM
Ripple River	Aitkin	07010104-661	Stream	2007, MDNR 2008b, 2010
Robbinson Pond	Todd	77-0378-00	Lake	MDNR 2008a
Rogers Lake	Crow Wing	18-0184-00	Lake	MDNR 2008a
Round Lake	Crow Wing	18-0147-00	Lake	MDNR 2008a
Sebie Lake	Crow Wing	18-0161-00	Lake	MDNR 2008a
Section Ten Lake	Aitkin	01-0115-00	Lake	2007, MDNR 2008a, 2010
Section Twelve Lake	Aitkin	01-0120-00	Lake	2007, MDNR 2008b, 2010, MDNR APM
Sewells Pond	Crow Wing	18-0446-00	Lake	MDNR 2008a
Sisabagamah Lake	Aitkin	01-0129-00	Lake	MDNR 2008a
Sitas Lake	Aitkin	01-0134-00	Lake	MDNR 2008a
Sjodin Lake	Aitkin	01-0316-00	Lake	2007, MDNR 2008a, 2010
South Long Lake	Crow Wing	18-0136-00	Lake	MDNR 2008a
Spirit Lake	Aitkin	01-0178-00	Lake	2007, MDNR 2008a, MBS 2017
Spruce Lake	Aitkin	01-0151-00	Lake	MDNR 2008a, 2010
Swamp Lake	Aitkin	01-0092-00	Lake	MDNR 2008b, MDNR APM
Tamarack Lake	Crow Wing	18-0318-00	Lake	MDNR 2008a
Terry Lake	Crow Wing	18-0162-00	Lake	MDNR 2008a, 2010
Twin Island Lake	Crow Wing	18-0106-00	Lake	MDNR 2008a, 2010
Twin Lake	Todd	77-0021-00	Lake	MDNR 2008a, 2010

**07010104 Mississippi River - Brainerd (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Unnamed - Little Willow River WMA	Aitkin	01-0332-00	Lake	MDNR 2008a, 2010
Unnamed (Nokasippi R. Rice Bed)	Crow Wing	18-0485-00	Lake	MDNR 2008a, 2010
Unnamed (Round Lake Pothole)	Aitkin	01-0285-00	Lake	MDNR 2008a
Unnamed Lake	Crow Wing	18-0550-00	Lake	MDNR 2008a
Upper Blind Lake	Aitkin	01-0331-00	Lake	MDNR 2008a
Upper Dean Lake	Crow Wing	18-0170-00	Lake	MDNR 2008a, MBS 2017
Upper Mission Lake	Crow Wing	18-0242-00	Lake	MDNR 2008a MDNR APM
Waukenabo Lake	Aitkin	01-0136-00	Lake	MDNR 2008a, 2010, MDNR APM
West Lake	Aitkin	01-0287-00	Lake	2007, MDNR 2008a
Wilson Lake	Crow Wing	18-0049-00	Lake	MDNR 2008a
Wolf Lake	Crow Wing	18-0112-00	Lake	MDNR 2008a

**07010105 Pine River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Arrowhead Lake	Crow Wing	18-0366-00	Lake	MDNR 2008a, 2010
Beuber Lake	Cass	11-0353-00	Lake	2007, MDNR 2008a, 2010, MBS 2011
Big Bird Lake	Crow Wing	18-0285-00	Lake	MDNR 2008a
Big Portage Lake	Cass	11-0308-00	Lake	MDNR 2008a, MBS 2011, MDNR APM
Birchdale Lake	Crow Wing	18-0175-00	Lake	MDNR 2008a, 2010, MDNR APM
Bowen	Cass	11-0350-00	Lake	MDNR 2008b, Survey
Brockway Lake	Cass	11-0366-00	Lake	2007, MDNR 2008a, 2010, MBS 2011
Caraway Lake	Crow Wing	18-0179-00	Lake	MDNR 2008a
Cedar Lake	Cass	11-0444-00	Lake	MDNR 2008a
Clough Creek Lake	Crow Wing	18-0414-00	Lake	MDNR APM
Dahler Lake	Crow Wing	18-0204-00	Lake	2007, MDNR 2008a, 2010
Ding Pot Lake	Cass	11-0565-00	Lake	MDNR 2008a
Duck Lake	Crow Wing	18-0178-00	Lake	MDNR 2008a, 2010, UofM/MPCA 2013
Duck Lake	Crow Wing	18-0314-00	Lake	2007, MDNR 2008a
Eagle Lake	Crow Wing	18-0296-00	Lake	MDNR 2008b, MDNR APM
Emily Lake	Crow Wing	18-0203-00	Lake	MDNR 2008a
Five Point Lake	Cass	11-0351-00	Lake	MDNR 2008a MDNR APM
George Lake	Cass	11-0101-00	Lake	2007, MDNR 2008a, 2010, MBS 2011
Goodrich Lake	Crow Wing	18-0226-00	Lake	MDNR 2008a
Google Lake	Crow Wing	18-0223-00	Lake	2007, MDNR 2008a, 2010
Grass Lake	Crow Wing	18-0230-00	Lake	MDNR 2008a
Greer Lake	Crow Wing	18-0287-00	Lake	MDNR 2008a
Hattie Lake	Cass	11-0232-00	Lake	MDNR 2008a, 2010, MDNR APM
Hay Lake	Cass	11-0199-00	Lake	MDNR 2008a
Island Lake	Cass	11-0360-00	Lake	2007, MDNR 2008a, MBS 2011
Island Lake	Cass	11-0102-00	Lake	MDNR 2008a, 2010

07010105 Pine River (3/21/2017)

Name	County	WID	Water Type	Source(s)
Jail Lake	Crow Wing	18-0415-00	Lake	MDNR 2008a
Lily Pad Lake	Crow Wing	18-0275-00	Lake	MDNR 2008a
Lind (Lindsey) Lake	Cass	11-0367-00	Lake	2007, MDNR 2008a, 2010
Little Hattie Lake (Unnamed)	Cass	11-0232-01	Lake	MBS 2011, MPCA 2013
Little Pine Lake	Crow Wing	18-0266-00	Lake	MDNR 2008a, MDNR APM
Little Pine Lake	Crow Wing	18-0176-00	Lake	2007, MDNR 2008a, 2010
Lizotte Lake	Cass	11-0231-00	Lake	MDNR 2008a, 2010
Lizzie Lake	Crow Wing	18-0416-00	Lake	2007, MDNR 2008a, 2010, MBS 2011
Lower Hand Lake	Cass	11-0251-00	Lake	MDNR 2008a, 2010
Lows Lake	Crow Wing	18-0180-00	Lake	2007, MDNR 2008a, 2010, MDNR APM
Mitchell Lake	Crow Wing	18-0294-00	Lake	MDNR 2008a
Mud Lake	Crow Wing	18-0198-00	Lake	MDNR 2008a
Mud Lake	Cass	11-0309-00	Lake	MDNR 2008a
Norway Lake	Cass	11-0307-00	Lake	2007, MDNR 2008a MDNR APM
Ossawinnamakee	Crow Wing	18-0352-00	Lake	MDNR 2008b, Survey
Pelican Lake	Crow Wing	18-0308-00	Lake	MDNR APM
Peterson Lake	Cass	11-0154-00	Lake	MDNR 2008a
Pine Lake	Crow Wing	18-0261-00	Lake	MDNR 2008a, 2010
Pine Mountain Lake	Cass	11-0411-00	Lake	MDNR 2008a, 2010
Pine River (Norway Brook)	Cass	07010105-671	Stream	MDNR APM
Potshot Lake	Cass	11-0149-00	Lake	MDNR 2008a
Rainy Lake	Cass	11-0356-00	Lake	MDNR APM
Rat Lake	Crow Wing	18-0410-00	Lake	MDNR 2008a
Rice (Carrol's) Lake	Cass	11-0227-00	Lake	MDNR 2008a, 2010
Rice Bed Lake	Crow Wing	18-0187-00	Lake	MDNR 2008a, 2010
Schafer Lake	Cass	11-0004-00	Lake	MDNR 2008a
Scribner Lake	Cass	11-0441-00	Lake	MDNR 2008a
South Fork Pine River	Cass	07010105-534	Stream	2007
Stewart Lake	Crow Wing	18-0367-00	Lake	MDNR 2008a
Tamarack Lake	Cass	11-0347-00	Lake	MDNR 2008a
Unnamed (Lost Rice)	Crow Wing	18-0228-00	Lake	MDNR 2008a, 2010
Unnamed (Pistol Lake Rice Bed)	Cass	11-0738-00	Lake	MDNR 2008a
Unnamed Lake	Crow Wing	18-0413-00	Lake	MDNR 2008a
Upper Hand Lake	Cass	11-0242-00	Lake	MDNR 2008a
Upper Hay Lake	Crow Wing	18-0412-00	Lake	MDNR 2008a MDNR APM
Upper Whitefish Lake	Crow Wing	18-0310-00	Lake	2007, MDNR 2008a, 2010, MDNR APM
Velvet Lake	Crow Wing	18-0284-00	Lake	MDNR 2008a
Washburn Lake	Cass	11-0059-00	Lake	MDNR 2008a, 2010, MDNR APM

**07010106 Crow Wing River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Abners Lake	Becker	03-0039-00	Lake	MDNR 2008a, 2010
Aspinwall Lake	Becker	03-0104-00	Lake	MDNR 2008a
Bass Lake	Becker	03-0088-00	Lake	MDNR 2008a MDNR APM
Beden Lake	Hubbard	29-0265-00	Lake	MBS 2011, MPCA 2013
BelleTaine Lake	Hubbard	29-0146-00	Lake	MDNR APM
Bergkeller Lake	Cass	11-0447-00	Lake	MDNR 2008a
Big Basswood Lake	Becker	03-0096-00	Lake	2007, MDNR 2008a, 2010, MBS 2011
Big Rush Lake	Becker	03-0103-00	Lake	MDNR 2008a
Blueberry Lake	Becker	03-0007-00	Lake	MDNR 2008a
Blueberry Lake	Wadena	80-0034-00	Lake	MDNR 2008a, 2010
Burgen Lake	Wadena	80-0018-00	Lake	MDNR 2008a, 2010
Cat Lake	Cass	11-0509-00	Lake	MDNR 2008a
Clark Lake	Crow Wing	18-0374-00	Lake	MDNR 2008a MDNR APM
Clausens	Hubbard	29-0097-00	Lake	MDNR 2008b, Survey
Crow Wing Lake	Hubbard	29-0116-00	Lake	2007, MDNR 2008b, 2010
Crow Wing River	Hubbard	07010106-516	Stream	MDNR 2008b, Survey
Deer Lake	Hubbard	29-0090-00	Lake	MDNR 2008b, MDNR APM
Dinner Lake	Becker	03-0044-00	Lake	2007, MDNR 2008a
Duck Lake	Hubbard	29-0142-00	Lake	MDNR APM
Eagle Lake	Hubbard	29-0256-00	Lake	MDNR 2008a MDNR APM
Edward Lake	Crow Wing	18-0556-00	Lake	MDNR APM
Eighth Crow Wing Lake	Hubbard	29-0072-00	Lake	MDNR 2008b, MBS 2011, MDNR APM
Esterday Lake	Cass	11-0511-00	Lake	MDNR 2008a
Farnham Lake	Cass	11-0513-00	Lake	2007, MDNR 2008a, 2010
Fifth Crow Wing Lake	Hubbard	29-0092-00	Lake	2007, MDNR 2008a, MBS 2011, MDNR APM
Finn Lake	Wadena	80-0028-00	Lake	MDNR 2008a
First Crow Wing Lake	Hubbard	29-0086-00	Lake	MDNR 2008a, 2010
First Crow Wing River	Hubbard	07010106-523	Stream	2007
Fish Hook Lake	Hubbard	29-0242-00	Lake	MPCA 2013, MDNR APM
Fishhook River	Hubbard	07010106-627	Stream	MDNR APM
Fourth Crow Wing Lake	Hubbard	29-0078-00	Lake	2007, MDNR 2008a, 2010, MDNR APM
Garden Lake	Crow Wing	18-0329-00	Lake	2007, MDNR 2008a, 2010
Granning Lake	Wadena	80-0012-00	Lake	MDNR 2008a, 2010
Gull Lake	Cass	11-0305-00	Lake	MDNR 2008a, MDNR APM
Gull River	Cass	07010106-502	Stream	2007, MDNR 2008a, 2010
Gyles Lake	Becker	03-0066-00	Lake	MDNR 2008a, MDNR APM
Hardy Lake	Cass	11-0332-00	Lake	MDNR 2008a
Hay Creek	Hubbard	07010106-617	Stream	2007
Hole-in-the-Day Lake	Crow Wing	18-0401-00	Lake	MDNR 2008a, 2010
Indian Creek	Becker	07010106-569	Stream	2007, MDNR 2008b
Island Lake	Hubbard	29-0254-00	Lake	2007, MDNR 2008a, 2010, MDNR APM
Johnson Lake	Crow Wing	18-0328-00	Lake	MDNR 2008a



**07010106 Crow Wing River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Kane Lake	Becker	03-0042-00	Lake	MBS 2011, MPCA 2013
Kelly Lake	Cass	11-0428-00	Lake	MDNR 2008a
Kneebone Lake	Becker	03-0090-00	Lake	MDNR 2008a
Knutson Lake	Becker	03-0004-00	Lake	MBS 2011, MPCA 2013
Little Basswood Lake	Becker	03-0092-00	Lake	2007, MDNR 2008a, 2010
Little Dinner Lake	Becker	03-0045-00	Lake	MDNR 2008a
Little Mud Lake	Becker	03-0022-00	Lake	MDNR 2008a
Little Sand Lake	Hubbard	29-0150-00	Lake	MDNR APM
Love Lake	Crow Wing	18-0388-00	Lake	MDNR 2008a, MDNR APM
Lower Bottle Lake	Hubbard	29-0180-00	Lake	MDNR 2008a, MDNR APM
Lower Mud Lake	Hubbard	29-0267-00	Lake	MDNR 2008a
Lower Twin Lake	Wadena	80-0030-00	Lake	MDNR 2008a, MBS 2011
Mallard Lake	Crow Wing	18-0334-00	Lake	MDNR 2008a
Mantrap Lake	Hubbard	29-0151-00	Lake	2007, MDNR 2008a, 2010
Margaret Lake	Cass	11-0222-00	Lake	MDNR 2008a, MDNR APM
Mayo Lake	Crow Wing	18-0408-00	Lake	MDNR APM
Middle Cullen Lake	Crow Wing	18-0377-00	Lake	2007, MDNR 2008a, 2010
Mollie Lake	Crow Wing	18-0335-00	Lake	MDNR 2008a
Moose Lake	Cass	11-0424-00	Lake	2007, MDNR 2008b, 2010
Mud Lake	Becker	03-0120-00	Lake	MDNR 2008b, Survey
Mud Lake	Becker	03-0023-00	Lake	MDNR 2008a, 2010
Mud Lake	Becker	03-0067-00	Lake	MDNR 2008a, 2010
Mud Lake	Crow Wing	18-0326-00	Lake	MDNR 2008a, 2010
Mud Lake	Hubbard	29-0119-00	Lake	MDNR 2008a
Ninth Crow Wing Lake	Hubbard	29-0025-00	Lake	MDNR 2008b, MBS 2011
Nisswa Lake	Crow Wing	18-0399-00	Lake	MDNR 2008a, MDNR APM
North Long Lake	Crow Wing	18-0372-00	Lake	2007, MDNR 2008a, MDNR APM
Perch Lake	Crow Wing	18-0304-00	Lake	MDNR 2008a
Pillager Lake	Cass	11-0320-00	Lake	MDNR 2008a
Placid Lake	Morrison	49-0080-00	Lake	2007, MDNR 2008b
Portage Lake	Hubbard	29-0250-00	Lake	MDNR 2008b, Survey
Potato Lake	Hubbard	29-0243-00	Lake	MDNR 2008a, MBS 2011, MDNR APM
Ray Lake	Cass	11-0220-00	Lake	MDNR 2008a
Red Sand Lake	Crow Wing	18-0386-00	Lake	MDNR 2008a, MDNR APM
Rice (Clark) Lake	Crow Wing	18-0327-00	Lake	MDNR 2008a, 2010
Rice (Lowell WMA) Lake	Crow Wing	18-0405-00	Lake	MDNR 2008a
Rice (Pillager) Lake	Cass	11-0321-00	Lake	2007, MDNR 2008a, 2010
Rice Lake	Hubbard	29-0177-00	Lake	2007, MDNR 2008a, 2010
Rock Lake	Cass	11-0324-00	Lake	MDNR 2008a, MDNR APM
Round Lake	Crow Wing	18-0373-00	Lake	MDNR APM
Round Lake	Wadena	80-0019-00	Lake	MDNR 2008a, 2010

**07010106 Crow Wing River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Roy Lake	Crow Wing	18-0398-00	Lake	MDNR 2008a, MDNR APM
Second Crow Wing Lake	Hubbard	29-0085-00	Lake	MDNR 2008a
Seventh Crow Wing Lake	Hubbard	29-0091-00	Lake	MDNR 2008a, MBS 2011
Shallow Lake	Hubbard	29-0089-00	Lake	MDNR 2008a
Shell Lake	Becker	03-0102-00	Lake	2007, MDNR 2008a, 2010, MBS 2011, MDNR APM
Shell River	Hubbard	07010106-681	Stream	2007, MDNR 2008b
Shipman	Becker	03-0005-00	Lake	MDNR 2008b, Survey
Sibley Lake	Crow Wing	18-0404-00	Lake	MDNR 2008a, MDNR APM
Sixth Crow Wing Lake	Hubbard	29-0093-00	Lake	2007, MDNR 2008a, MBS 2011
Stocking Lake	Wadena	80-0037-00	Lake	MPCA 2013, MDNR APM
Strike Lake	Wadena	80-0013-00	Lake	MDNR 2008a, 2010
Sylvan Lake	Cass	11-0304-00	Lake	MPCA 2013, MDNR APM
Tamarack Lake	Hubbard	29-0094-00	Lake	MDNR 2008b, Survey
Tenth Crow Wing Lake	Hubbard	29-0045-00	Lake	MDNR 2008a, MDNR APM
Third Crow Wing Lake	Hubbard	29-0077-00	Lake	MDNR 2008a, 2010, MDNR APM
Twin Island Lake	Becker	03-0033-00	Lake	2007, MDNR 2008a
Two Inlets Lake	Becker	03-0017-00	Lake	2007, MDNR 2008a, 2010, MDNR APM
Unnamed (Blackies Slough)	Crow Wing	18-0544-00	Lake	MDNR 2008a
Unnamed (Hay Creek) Lake	Hubbard	29-0554-00	Lake	MDNR 2008a
Unnamed (Indian Creek Pool) Lake	Becker	03-0786-00	Lake	2007, MNDNR 2008b
Unnamed (Total's Pothole)	Crow Wing	18-0543-00	Lake	MDNR 2008a
Unnamed Creek (Mud Creek)	Hubbard	07010106-722	Stream	MDNR 2008b, Survey
Unnamed Lake	Cass	11-0777-00	Lake	MDNR 2008b, Survey
Unnamed Lake	Cass	11-0780-00	Lake	MDNR 2008a
Unnamed Lake	Wadena	80-0007-00	Lake	MDNR 2008a
Upper Bottle Lake	Hubbard	29-0148-00	Lake	2007, MDNR 2008a
Upper Cullen Lake	Crow Wing	18-0376-00	Lake	2007, MDNR 2008a, MDNR APM
Upper Gull Lake	Cass	11-0218-00	Lake	MDNR 2008a, MDNR APM
Upper Mud Lake	Hubbard	29-0284-00	Lake	MDNR 2008a, 2010
Upper Twin Lake	Hubbard	29-0157-00	Lake	MDNR 2008b, Survey
Whipple Lake	Crow Wing	18-0387-00	Lake	MDNR 2008a, 2010
Yaeger Lake	Wadena	80-0022-00	Lake	MDNR 2008a, 2010

**07010107 Redeye River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
East Leaf Lake	Otter Tail	56-0116-02	Lake	MPCA 2013, MDNR APM
Gourd Lake	Otter Tail	56-0139-00	Lake	MDNR 2008b, Survey

Grass Lake	Otter Tail	56-0115-00	Lake	MDNR 2008b, Survey
Middle Leaf Lake	Otter Tail	56-0116-01	Lake	MDNR APM
North Maple Lake	Otter Tail	56-0013-00	Lake	MDNR 2008b, Survey
South Maple Lake	Otter Tail	56-0004-00	Lake	MDNR 2008b, Survey
Tamarack Lake	Otter Tail	56-0192-00	Lake	MDNR 2008b, UofM/MPCA 2013
Unnamed (Cemetery) Lake	Otter Tail	56-0024-00	Lake	MDNR APM
West Leaf Lake	Otter Tail	56-0114-00	Lake	MPCA 2013, MDNR APM
Wing River	Otter Tail	56-0043-00	Lake	MDNR 2008b, Survey
Wolf Lake	Becker	03-0101-00	Lake	2007, MDNR 2008a

### 07010108 Long Prairie River (3/21/2017)

Name	County	WID	Water Type	Source(s)
Alexander Lake	Morrison	49-0079-00	Lake	MPCA 2013, MDNR APM
Beck Lake	Todd	77-0056-00	Lake	MDNR 2008a
Cass County Lake	Todd	77-0004-00	Lake	MDNR 2008a
Charlotte Lake	Todd	77-0120-00	Lake	MPCA 2013, MDNR APM
Fish Trap Lake	Morrison	49-0137-00	Lake	MPCA 2013, MBS 2017, MDNR APM
Ham Lake	Morrison	49-0136-00	Lake	MBS 2017
Ida Lake	Douglas	21-0123-00	Lake	MPCA 2013, MDNR APM
Irene Lake	Douglas	21-0076-00	Lake	MPCA 2013, MDNR APM
Jaeger Lake	Todd	77-0075-00	Lake	MDNR 2008a
Jessie Lake	Douglas	21-0055-00	Lake	MDNR APM
Latoka Lake	Douglas	21-0106-00	Lake	MDNR APM
Long Lake	Todd	77-0069-00	Lake	2007, MDNR 2008a, 2010
Long Prairie River	Morrison	07010108-501	Stream	2007
Long Prairie River	Douglas	07010108-505	Stream	UofM/MPCA 2013
Long Prairie River	Douglas	07010108-535	Stream	UofM/MPCA 2013
Louise Lake	Douglas	21-0094-00	Lake	MPCA 2013, UofM/MPCA 2013, MDNR APM
Mill Pond Lake	Douglas	21-0034-00	Lake	MPCA 2013, UofM/MPCA 2013
Miltona Lake	Douglas	21-0083-00	Lake	MPCA 2013, UofM/MPCA 2013, MDNR APM
Mud Lake	Morrison	49-0072-00	Lake	MDNR 2008a
Mud Lake	Todd	77-0087-00	Lake	MDNR 2008a, 2010
Rice Lake	Todd	77-0061-00	Lake	MDNR 2008a, 2010
Rogers Lake	Todd	77-0073-00	Lake	2007, MDNR 2008a, 2010
Shamineau Lake	Morrison	49-0127-00	Lake	MPCA 2013, MDNR APM
Stoney(Stone) Lake	Douglas	21-0101-00	Lake	MPCA 2013
Taylor Lake	Douglas	21-0105-00	Lake	MDNR APM
Turtle Creek	Todd	07010108-513	Stream	2007
Turtle Lake	Todd	77-0088-00	Lake	MDNR APM
Union (North Union) Lake	Douglas	21-0095-00	Lake	MPCA 2013
Union Lake	Douglas	21-0041-00	Lake	MPCA 2013, MDNR APM
Unnamed Lake	Douglas	21-0416-00	Lake	MBS 2011, MPCA 2013
Unnamed Lake	Todd	77-0178-00	Lake	MDNR 2008a

**07010108 Long Prairie River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Unnamed Lake	Todd	77-0176-00	Lake	MDNR 2008a
West Nelson Lake	Todd	77-0005-00	Lake	MDNR 2008a, 2010

**07010201 Mississippi River - Sartell (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Anna Lake	Stearns	73-0126-00	Lake	MDNR 2008b, Survey
Bass Lake	Crow Wing	18-0011-00	Lake	MDNR 2008a
Big Spunk Lake	Stearns	73-0117-00	Lake	MPCA 2013, MDNR APM
Bulldog Lake	Crow Wing	18-0014-00	Lake	MDNR 2008a, MBS 2017, MDNR APM
Coon Lake	Morrison	49-0020-00	Lake	MDNR 2008a, 2010
Erskine Lake	Crow Wing	18-0009-00	Lake	MDNR 2008a
Hannah Lake	Morrison	49-0014-00	Lake	MDNR 2008a
Linneman Lake	Stearns	73-0127-00	Lake	MDNR 2008b, Survey
Little Rice Lake	Stearns	73-0167-00	Lake	MDNR 2008b, Survey
Long Lake	Morrison	49-0015-00	Lake	MDNR 2008a, MBS 2017, MDNR APM
Lower Spunk Lake	Stearns	73-0123-00	Lake	MDNR 2008b, Survey
Mud Lake	Morrison	49-0027-00	Lake	MDNR 2008a, MDNR APM
Ochotto Lake	Stearns	73-0122-00	Lake	MBS 2017, MDNR APM
Peavy Lake	Morrison	49-0005-00	Lake	2007, MDNR 2008b
Pelkey Lake	Morrison	49-0030-00	Lake	MDNR 2008a, UofM/MPCA 2013
Platte Lake	Crow Wing	18-0088-00	Lake	2007, MDNR 2008a, 2010, MDNR APM
Platte River	Morrison	07010201-507	Stream	MDNR 2008b, Survey
Rice Creek	Morrison	07010201-618	Stream	MDNR 2008b, Survey
Rice Lake	Morrison	49-0025-00	Lake	MDNR 2008a, 2010
Rock Lake	Crow Wing	18-0016-00	Lake	MDNR 2008a
Round Lake	Morrison	49-0019-00	Lake	MDNR 2008a
Skunk Lake	Morrison	49-0026-00	Lake	MDNR 2008a, 2010, MDNR APM
Sullivan Lake	Morrison	49-0016-00	Lake	MDNR 2008a, MBS 2017, MDNR APM
Twentytwo Lake	Crow Wing	18-0008-00	Lake	MDNR 2008a, 2010

**07010202 Sauk River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Cedar Lake	Stearns	73-0226-00	Lake	MDNR 2008b, Survey
Goodners Lake	Stearns	73-0076-00	Lake	MPCA 2013, MDNR APM
Grand Lake	Stearns	73-0055-00	Lake	MPCA 2013, MDNR APM
Little Birch Lake	Todd	77-0089-00	Lake	MPCA 2013, UofM/MPCA 2013, MDNR APM
Little Osakis Lake	Todd	77-0201-00	Lake	MDNR APM
McCormic Lake	Stearns	73-0273-00	Lake	MDNR 2008b, UofM/MPCA 2013
South Twin Lake	Stearns	73-0276-00	Lake	MPCA 2013

**07010202 Sauk River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Unnamed (Tower WMA)	Stearns	73-0343-00	Lake	MPCA 2013
Unnamed Lake	Stearns	73-0274-00	Lake	MPCA 2013
Westport Lake	Pope	61-0029-00	Lake	MPCA 2013, UofM/MPCA 2013

**07010203 Mississippi River - St. Cloud (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Beaver Lake	Stearns	73-0023-00	Lake	MDNR APM
Big Mud Lake	Sherburne	71-0085-00	Lake	MDNR 2008a, UofM/MPCA 2013
Boyd Lake	Sherburne	71-0118-00	Lake	MPCA 2013
Buck Lake	Sherburne	71-0187-00	Lake	MDNR 2008a
Clearwater Lake	Wright	86-0252-00	Lake	MDNR APM
Jim Lake	Sherburne	71-0111-00	Lake	MDNR 2008a
Johnson Slough	Sherburne	71-0084-00	Lake	MDNR 2008a
Josephine Pool	Sherburne	71-0068-00	Lake	MDNR 2008a, 2010
Little Mary (Maria) Lake	Wright	86-0139-02	Lake	MBS 2017
Lower Roadside Lake	Sherburne	71-0376-00	Lake	MDNR 2008a
Lundberg Slough	Sherburne	71-0109-00	Lake	MDNR 2008b, Survey
Muskrat Pool	Sherburne	71-0297-00	Lake	MDNR 2008a
Nixon	Wright	86-0238-00	Lake	MBS 2017
Orrock Lake	Sherburne	71-0085-00	Lake	MDNR 2008a, 2010
Pool 2	Sherburne	71-0084-00	Lake	MDNR 2008a
Rice	Sherburne	71-0078-00	Lake	MDNR 2008b, 2010
Rice Lake	Sherburne	71-0142-00	Lake	MDNR 2008a
Sand Prairie WMA- Vision Pool	Sherburne	To be assigned	Lake	MPCA 2013
Sandy Lake	Wright	86-0224-00	Lake	MDNR 2008a, 2010
Schoolhouse Pool	Sherburne	71-0296-00	Lake	MDNR 2008a, 2010
Sugar Lake	Wright	86-0233-00	Lake	MBS 2017, MDNR APM
Unnamed Lake	Wright	86-0231-00	Lake	UofM/MPCA 2013

**07010204 North Fork Crow River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Crow Lake	Stearns	73-0279-00	Lake	MDNR 2008b, Survey
Depressional Wetland	Kandiyohi	34-0143-00	Wetland	MPCA Biomon
Fish Lake	Stearns	73-0281-00	Lake	MDNR 2008b, Survey
Grove Lake	Pope	61-0023-00	Lake	MPCA 2013, MDNR APM
Middle Fork Crow River	Kandiyohi	07010204-537	Stream	UofM_MPCA 2013
Monongalia Lake	Kandiyohi	34-0158-00	Lake	MDNR 2008b, UofM/MPCA 2013
North Fork Crow River (North Fork WMA)	Stearns	07010204-685	Stream	MPCA 2013
Padua Lake	Stearns	73-0277-00	Lake	UofM/MPCA 2013
Raymond Lake	Stearns	73-0285-00	Lake	MDNR 2008b, UofM/MPCA 2013

**07010204 North Fork Crow River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Smith Lake	Wright	86-0250-00	Lake	MDNR 2008b, Survey
Stella Lake	Meeker	47-0068-00	Lake	MPCA 2013, UofM/MPCA 2013
Tamarack Lake	Stearns	73-0278-00	Lake	MDNR 2008a, 2010
Unnamed Lake	Kandiyohi	34-0611-00	Lake	UofM/MPCA 2013
West Lake Sylvia	Wright	86-0279-00	Lake	MPCA 2013, MBS 2017, MDNR APM

**07010205 South Fork Crow River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Cedar Lake	Wright	86-0034-00	Lake	MDNR 2008b, Survey
Dagger Slough	McLeod	43-0168-00	Wetland	MPCA Biomon

**07010206 Mississippi River - Twin Cities (3/21/2017)**

Amelia Lake	Anoka	02-0014-00	Lake	MDNR APM
Carlos Avery WMA-Pool 13	Anoka	02-0520-00	Lake	MDNR 2008a
Carlos Avery WMA-Pool 14	Anoka	02-0520-00	Lake	MNDR 2008a
Rice Lake	Washington	82-0146-00	Lake	MPCA 2013, MDNR APM

**07010207 Rum River (3/21/2017)**

Name	County	WID	Water Type	Source(s)
Borden Lake	Crow Wing	18-0020-00	Lake	MDNR 2008a
Camp Lake	Crow Wing	18-0018-00	Lake	2007, MDNR 2008a, MDNR APM
Deer Lake	Aitkin	01-0086-00	Lake	MDNR 2008a
German Lake	Isanti	30-0100-00	Lake	2007, MDNR 2008b, MBS 2017
Hickey Lake	Anoka	02-0096-00	Lake	2007, MDNR 2008b, 2010
Holt Lake	Crow Wing	18-0029-00	Lake	2007, MDNR 2008a
Long Lake	Crow Wing	18-0031-00	Lake	MDNR 2008a
Long Lake	Isanti	30-0056-00	Lake	MBS 2017
Long Pond	Sherburne	71-0036-00	Lake	MDNR 2008b, Survey
Mille Lacs Lake	Mille Lacs	48-0002-00	Lake	MPCA 2013
MilleLacs WMA Korsness Pool 1	Mille Lacs	48-0035-00	Lake	MDNR 2008a
Ogechie Lake	Mille Lacs	48-0014-00	Lake	MDNR 2008b, Survey
Onamia Lake	Mille Lacs	48-0009-00	Lake	2007, MDNR 2008a, 2010
Pickrel Lake	Anoka	02-0130-00	Lake	MDNR 2008a, MBS 2017
Round (Round-Rice Bed WMA)	Crow Wing	18-0032-00	Lake	MDNR 2008a
Scott Lake	Crow Wing	18-0033-00	Lake	MDNR APM
Shakopee Lake	Mille Lacs	48-0012-00	Lake	MDNR 2008b, Survey
Smith Lake	Crow Wing	18-0028-00	Lake	MDNR 2008a, 2010, MDNR APM
Stanchfield Creek	Isanti	07010207-518	Stream	MPCA Biomon
Swan Lake	Anoka	02-0098-00	Lake	MDNR 2008a

**07010207 Rum River (3/21/2017)**

<b>Name</b>	<b>County</b>	<b>WID</b>	<b>Water Type</b>	<b>Source(s)</b>
Trott Brook	Anoka	07010207-680	Stream	MPCA Biomon
Twelve Lake	Morrison	49-0006-00	Lake	MDNR 2008a, 2010
Twenty Lake	Aitkin	01-0085-00	Lake	2007, MDNR 2008a, 2010
Unnamed Lake	Anoka	02-0101-00	Lake	MPCA 2013
Whitefish Lake	Crow Wing	18-0001-00	Lake	MDNR 2008a, MDNR APM
Williams Lake	Crow Wing	18-0024-00	Lake	MDNR 2008a

## Attachment 3. List of Meetings and Communications

### List of wild rice sulfate meetings and communications with external parties (7/12/2017)

Date	Interested Party/Parties or Stakeholder Meeting	Location	Major Topic(s)
3/7/11	Tribal Consultation	Duluth, MN	Tribal consultation on sulfate and wild rice
4/7/11	Cultivated rice representatives	MPCA office, St. Paul, MN	Importance of sulfate standard for protection of cultivated wild rice.
5/9/11	Technical Expert Discussion (13 UMN, 6 Tribal, 5 DNR, 7 Federal, 5 other)	MPCA offices and remote access, St. Paul, MN	Discussion of draft study protocol for the effect of sulfate on wild rice
10/10/11	Wild Rice Advisory Committee	MPCA office, St. Paul, MN	Discussion of draft study protocol and preliminary field survey
11/3/11	Fall meeting of the MN Environmental Science and Economic Review Board	Glencoe, MN	Presentation on wild rice sulfate standards study
11/9/11	26th Annual Conference on the Environment	Earle Brown Heritage Center, Brooklyn Center, MN	Presentation on wild rice sulfate standards study
11/30/11	Wild Rice Advisory Committee	MPCA office, Duluth, MN	Discuss schedule for studies and 2012 Legislative Report
2/21/12	Minnesota Cultivated Wild Rice Council Annual Conference	Grand Rapids, MN	Presentation on wild rice sulfate standards study
3/12/2012	Tribal Consultation	MPCA Office, Duluth, MN	Tribal consultation on sulfate and wild rice
3/27/12	Wild Rice Advisory Committee	MPCA office, St. Paul, MN	Wild rice standards study
6/6/12	Wild Rice Advisory Committee	University of Minnesota-Duluth, MN	Wild rice standards study
9/27/12	Wild Rice Advisory Committee	MPCA office, St. Paul, MN	Update on wild rice standards study
12/20/12	Wild Rice Advisory Committee	teleconference	
1/26/13	Wild Rice Advisory Committee	MPCA office, Duluth, MN	Water used for production of wild rice
1/30/13	2013 Minnesota Wetlands Conference	U of M Arboretum, Chaska, MN	Wild rice studies in Minnesota
2/28/13-3/1/13	Wild Rice Standards Study Mid-Project Review	Dakota Lodge, West St. Paul, MN	Wild Rice Standards Study Mid-Project Review
2/28/13	Wild Rice Mid-Project Review Open House, evening	Dakota Lodge, West St. Paul, MN	Open House for Wild Rice Standards Study Mid-Project Review



### Attachment 3. List of Meetings and Communications

Date	Interested Party/Parties or Stakeholder Meeting	Location	Major Topic(s)
4/23/13	Geochemistry class at the University of St. Thomas	St. Paul, MN	Wild rice studies in Minnesota
5/1/13	Wild Rice Advisory Committee	MPCA Offices, Duluth, MN	
6/11/13	Wild Rice Advisory Committee	MPCA Offices, St. Paul, MN	Wild rice studies in progress
4/16/14	Wild Rice Advisory Committee	MPCA Offices, St. Paul, MN	Wild rice sulfate standard study: summary of Preliminary Analysis
5/5/14	Laurentian Vision Partnership Meeting	Chisholm, MN	Wild rice sulfate standard study & Preliminary Analysis
9/17/14	Native American Fish and Wildlife Meeting	Lake of the Torches Conference Center in Lac du Flambeau, WI	Wild rice sulfate study
10/15/14	2014 Minnesota Water Resources Conference	St. Paul River Centre, St. Paul, MN	Field Studies of Physical and Chemical Characteristics of Wild Rice Habitat in Minnesota
10/31/14	Quarterly MPCA/Mining Company meeting	teleconference	Update on wild rice sulfate standard activities
11/19/14	29th Annual Conference on the Environment	St. Paul, MN	Wild Rice Research and Sulfate Regulation: Update
2/12/15	Quarterly MPCA/Mining Company meeting	teleconference	Update on wild rice sulfate standard activities
3/21/15	2015 Water Resources Science Retreat, U of M	Audubon Center, Sandstone, MN	Minnesota's sulfate standard to protect wild rice: update
3/26/15	Tribes	Grand Casino, Hinckley, MN	Introduction to MPCA Proposed Approach to Tribes and discussion with Tribes
3/31/15	University of Minnesota class on water policy	Minneapolis, MN	Wild rice studies in Minnesota
4/6/15	U of M Conservation Biology Graduate Program Seminar	St. Paul, MN	Regulation of sulfate pollution to protect wild rice populations in Minnesota
4/14/15	Minnesota Dept. of Health	St. Paul, MN	MPCA's proposed revision to Minnesota's sulfate standard to protect wild rice
4/23/15	Barr Engineering	Barr Engineering Office, Edina, MN	Presentation on proposed approach for wild rice sulfate standard
4/28/15	Quarterly Tribal Mining Call	teleconference	Update on wild rice sulfate standard activities
4/30/15	Department of Natural Resources	MPCA Offices, St. Paul, MN	Wild rice proposed approach and monitoring discussion
5/19/15	Wild Rice Advisory Committee	MPCA Offices, St. Paul, MN	Proposed approach for Minnesota's sulfate standard to protect wild rice
5/27/15	Tribal technical staff, GLIFWC. 1854 Authority	teleconference	Discuss details and hear feedback from Tribal technical staff on Proposed Approach and draft list of Wild Rice Waters
6/12/15	Quarterly MPCA/Mining Company teleconference	teleconference	Update on wild rice sulfate standard activities

### Attachment 3. List of Meetings and Communications

Date	Interested Party/Parties or Stakeholder Meeting	Location	Major Topic(s)
6/25/15	Society of American Military Engineers meeting	SEH offices, St. Paul, MN	Presentation of proposed approach
6/29/15	Tribal technical staff	teleconference	
7/14/15	Wild Rice Advisory Committee	MPCA Offices, Duluth, MN	Presentation on NOEC vs. EC <sub>10</sub> and on MPCA Proposed Approach
8/26/15	Tribes	USEPA Offices, Duluth, MN	Tribal consultation on proposed approach
9/24/2015	Quarterly MPCA/Mining Company teleconference	teleconference	Update on wild rice sulfate standard activities
9/28-9/29/15	2015 Nibi Manoomin Symposium	Grand Casino, Mille Lacs, MN	Presentation on Proposed Approach and discussion in breakout session
10/14/15	Minnesota Water Conference	St. Paul River Centre, St. Paul, MN	Presentation on Proposed Approach
10/26/15	Stakeholders in general	<i>State Register</i>	Notice of rulemaking and Request for Comments
10/26/15	Wild Rice Sulfate Standard stakeholders	Gov Delivery	Notice of rulemaking and Request for Comments
11/2-11/6/15	Annual conference of SETAC (Society of Environmental Toxicology and Chemistry)	Salt Lake City, UT	Poster and presentation on wild rice standard study methods and wild rice proposed approach
11/10/15	EPA Region 5	teleconference	Presentation on wild rice Proposed Approach
11/16/15	Environmental Justice mailing list	Gov Delivery	Notice of rulemaking and Request for Comments
11/20/15	EPA Headquarters and EPA Region 5	teleconference	Presentation on wild rice Proposed Approach
1/4/16	Wild Rice Sulfate Standard Advisory Committee	e-mail update	Update on posting of comments received during initial RFC for wild rice sulfate standard rulemaking and MPCA activities
1/5/16	Quarterly MPCA/Mining Company teleconference	teleconference	Update on wild rice sulfate standard activities
1/5/16	Stakeholders in general	Gov Delivery message	Update on posting of comments received during initial RFC for wild rice sulfate standard rulemaking and MPCA activities
1/6/16	Minnesota DNR staff and management	St. Paul offices, MN	Discussion of MPCA draft Wild Rice Water Determination Procedure
1/14/16	ItasCAP east range	Giants Ridge, Biwabik, MN	Participant in presentation by Minnesota Power and Minnesota Chamber on MPCA's approach and the research conducted by Fort Environmental Laboratories
1/21/16	Minnesota DNR staff and management	MPCA St. Paul Office. MN	Discussion of criteria for wild rice waters
1/25/16	ItasCAP west range	Timberland Lodge, Grand Rapids, MN	Participant in presentation by Minnesota Power and Minnesota Chamber on MPCA's approach and

### Attachment 3. List of Meetings and Communications

Date	Interested Party/Parties or Stakeholder Meeting	Location	Major Topic(s)
			the research conducted by Fort Environmental Laboratories
2/3/16	Quarterly MPCA/Mining Company teleconference	teleconference	Update on wild rice sulfate standard activities
2/4/16	Minnesota Native Plant Society (monthly meeting)	Dakota Lodge, West St. Paul, MN	MPCA presentation on recent research on wild rice habitat requirements, including MPCA's proposed method to calculate sulfate standards for each wild rice water
2/17/16	Lea Foushee, North American Water Office	MPCA Office, St. Paul, MN	Discussion of wild rice outreach opportunities with Lea Foushee
3/2/16	Tribal Technical Discussion on Sulfate standard	teleconference	Definition of wild rice waters
3/3/16	Participate in presentation by Paula Maccabee to USEPA Region 5 staff	teleconference	Technical issues with MPCA March 2015 proposal, and proposed definition of wild rice waters
3/8/16	Wild River Audubon Society (monthly meeting)	Chisago Lakes Area Library, Chisago Lakes, MN	MPCA presentation: Wild Rice in Minnesota: Recent Research on the effect of Elevated Sulfate
5/3/2016	MNDNR Wildlife staff	MPCA St. Paul Office and teleconference attendees	Determinations of wild rice waters
6/10/16	Quarterly MPCA/Mining Company teleconference	teleconference	Update on wild rice sulfate standard activities
6/14/16	Minnesota Chamber of Commerce	Minnesota Chamber of Commerce Office, St. Paul, MN	Discussion of Fort Environmental Lab studies
7/19/2016	Minnesota Tribes	teleconference	Preview and announcement of draft Technical Support Document
7/19/2016	Stakeholders in general	GovDelivery	Announcement of draft Technical Support Document availability
8/10/2016	EPA	teleconference	Presentation and discussion on draft Technical Support Document
8/12/2016	Minnesota Tribes	teleconference	Discussion of draft Technical Support Document
8/18/2016	Wild Rice Sulfate Standard Advisory Committee	MPCA Office, St. Paul, MN	Presentation and discussion of draft technical support document and optional presentation of research by Dr. John Pastor and Fort Environmental Laboratories
9/29/2016	Quarterly MPCA/Mining Company teleconference	teleconference	Update on wild rice sulfate standard activities
9/30/2016	Meeting with Environmental Groups to discuss technical support document	MPCA Office, St. Paul, MN	Meet with Water Legacy and other environmental groups to discuss their questions about Technical Support Document
10/6/2016	University of St. Thomas Geochemistry class	U of St. Thomas, St. Paul, MN	Presentation of recently released Draft Technical Support Document

### Attachment 3. List of Meetings and Communications

Date	Interested Party/Parties or Stakeholder Meeting	Location	Major Topic(s)
10/18/2016	2016 St. Croix River Research Rendezvous	Warner Nature Center, Marine on St. Croix, MN	The MPCA's proposal to revise Minnesota's sulfate standard to protect wild rice
10/19/2016	Water Conference attendees	St. Paul River Centre, St. Paul, MN	Presentation on revised sulfate standard to protect wild rice from elevated hydrogen sulfide
10/25/2016	MPCA Advisory Committee	MPCA Offices, St. Paul, MN	Discussion of issues surrounding wild rice sulfate standard
10/26/2016	Meeting with EPA	EPA Region 5 Offices. Chicago, IL	Discussion of wild rice sulfate standard Technical Support Document
11/9/2016	Conference on the Environment	Minneapolis Convention Center, Minneapolis, MN	Presentation on implementation of MPCA's proposed wild rice sulfate standard revision
11/17/2016	Food Sovereignty: Reconnecting with Our Land	Minnesota History Center, St. Paul, MN	Handouts, posters, & MPCA staff with information regarding MPCA's proposed sulfate standard revision
12/9/2016	Friends of the St. Croix Watershed Research Station	St. Croix Watershed Research Station, Marine on St. Croix, MN	"Wild Rice and Sulfate Pollution: Seeking New Answers for Minnesota's Lakes and Rivers"
12/14/2016	Wild Rice Sulfate Standard Advisory Committee	MPCA office, Duluth, MN	Presentation and discussion of draft revised rule to protect wild rice
12/18/2016	Meeting with EPA	teleconference	Discussion about sediment sampling methods
1/5/2017	Quarterly MPCA/Mining Company teleconference	teleconference	Update on wild rice sulfate standard activities
1/10/2017	Meeting with EPA to discuss draft rule language	teleconference	Discussion of draft rule language
1/14/2017	2017 Gichi Manidoo Giizis Traditional Pow Wow	Black Bear Casino, Carlton, MN	Information and education table
1/17/2017	Wild Rice Sulfate Standard Advisory Committee	MPCA Offices, St. Paul, MN	Discussion of draft rule language and draft regulatory analysis
1/17/2017	Wild Rice Sulfate Standard Open House	Dakota Lodge, West St. Paul, MN	Pre-rulemaking open house
1/25/2017	Wild Rice Advisory Committee	MPCA Offices, Duluth, MN	Discussion of draft regulatory analysis
1/25/2017	Wild Rice Sulfate Standard Open House	University of MN-Duluth, MN	Pre-rulemaking open house
1/31/2017	Tribal Consultation	USEPA Office, Duluth, MN	Consultation with Tribes on wild rice sulfate standard rulemaking
1/31/2017	Wild Rice Sulfate Standard Open House	Mountain Iron, MN	Pre-rulemaking open house
2/9/17	East Range Community Advisory Panel Meeting	Biwabik, MN	Update on sulfate standard rulemaking

### Attachment 3. List of Meetings and Communications

Date	Interested Party/Parties or Stakeholder Meeting	Location	Major Topic(s)
2/15/17	Wild Rice Advisory Committee	St. Paul, MN	Discussion of laboratory/sampling procedures and listed waters
2/16/17	Quarterly MPCA/Mining Company teleconference	teleconference	Update on wild rice sulfate standard activities
2/16/17	Northern Counties Land Use Coordinating Board	St. Paul, MN	Update on sulfate standard rulemaking
2/23/2017	Representatives from Cliffs Natural Resources	MPCA office, St. Paul, MN	MPCA listened to suggestions for changing the proposed equation-based standard.
3/8/2017	Representatives from Mesabi Nugget	MPCA Office, St. Paul, MN	Discussion of potential application of the proposed equation-based standard.
3/21/2017	Midwest Chapter of the Society of Environmental Toxicology & Chemistry	25 <sup>th</sup> Annual Meeting at the University of St. Thomas, Minneapolis, MN	Presentation on development of a water quality sulfate standard to protect wild rice, from hydroponic, mesocosm, and field data
4/17/2017	Quarterly MPCA/Mining Company teleconference	teleconference	Update on wild rice sulfate standard activities
4/22/2017	2017 Water Resources Science Graduate Program, U of M	Audubon Center of the North Woods, Sandstone, MN	Why is the MPCA proposing to protect wild rice with an equation?
6/12/2017	Coe College Wilderness Field Station	Near Ely, MN	MPCA's proposal to revise Minnesota's sulfate standard to protect wild rice
7/12/2017	Wild Rice Advisory Committee	MPCA Office, St. Paul, MN	Status of rulemaking and implementation plan

## Attachment 4. Discussion of the wastewater treatment facilities potentially affected by the proposed revisions.

Memo:

To: MPCA Sulfate Standard to Protect Wild Rice Rulemaking Record

From: Elizabeth Kaufenberg

Date: November 1, 2016 (revised July 12, 2017)

Subject: Analysis of potential effluent limit reviews of the proposed wild rice sulfate standard on municipal and industrial WWTPs.

When the proposed rules are adopted, effluent limit reviews completed for wastewater treatment facilities (WWTFs) will determine which WWTFs have the potential to cause or contribute to a MPCA wild rice water impairment. For this discussion, WWTFs include both those that serve municipalities and industry. Effluent limit reviews will consider existing sulfate effluent data well as other variables that go into setting a water quality – based effluent limit (WQBEL). Discussed below are explanations on how some of those variables will be considered.

### Scope of analysis

The proposed rules will establish a unique beneficial use class designation for wild rice waters, class 4d. Because the wild rice sulfate standard will only be applied in these specific waters, effluent limit reviews will be completed for only WWTFs that discharge upstream of wild rice waters.<sup>1</sup>

### Distance to wild rice waters

Distance will be one consideration when determining where an effluent limit review is required to protect downstream wild rice waters. The closer a facility discharge is to a downstream wild rice water, the more likely it is to have an impact. As the distance increases, the wild rice water is more likely to receive water from a much larger watershed, thereby reducing potential impacts from any single source. Designated wild rice waters that drain large watersheds may require more sophisticated modeling tools than were used in this analysis to evaluate the need for effluent limits. Such tools are regularly used as part of a total maximum daily load (TMDL) study or watershed restoration and protection strategies (WRAPS).

As described further below, a distance of 25 miles is only a starting point for considering point source impacts to wild rice waters. In practice, other considerations will help determine if an effluent limit review is appropriate for WWTFs that discharge farther than 25 miles from a wild rice water, and include: WWTF effluent concentration, percent sulfate contribution to a wild rice water, downstream receiving water flow, number of WWTFs upstream of a designated wild rice water, and the need for a site-specific analysis for a wild rice water.

### Analysis of potentially affected WWTFs

Currently, there are 24 waterbodies that are designated as wild rice waters ([Minn.R. 7050.0470](#)). The MPCA is proposing to add approximately 1,300 additional water bodies for identification as wild rice waters; these are referred to as MPCA proposed wild rice waters. Of the more than 900 national pollutant discharge elimination system (NPDES) permitted municipal and industrial wastewater treatment facilities (WWTFs) in Minnesota, an estimated 745 surface discharge stations are upstream of at least one proposed wild rice water. Many WWTFs have multiple surface discharge stations. This analysis includes those surface discharge stations that discharge to a unique proposed wild rice water, respective to the WWTF, since each individual discharge station would require an individual effluent limit review. The distance from WWTF outfall to the nearest proposed wild rice water ranges from less than 1 mile to 413 river miles (Figure 1). For

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<sup>1</sup> It is important to note that while this assessment is only in consideration of sulfate as it relates to designated wild rice waters, other beneficial use classifications (e.g. class 4A which protects use of water for wildlife) may have applicable sulfate standards which will need to be reviewed for effluent limits in appropriate situations.

purposes of this initial assessment of potential impact, the MPCA expects to require an effluent limit review during permit reissuance for those WWTFs located upstream within 25 miles of an identified wild rice water. For all other WWTFs, the need for an effluent limit review will be so variable and dependent on case-by-case factors, that they are not considered in this initial discussion. The MPCA's decision to consider WWTFs within a 25-mile distance was selected from that analysis of facilities that showed two distinct break points (Figure 1). These break points were determined from visually analyzing the data and selecting mile markers to reach a reasonable distance prompting an automatic effluent limit review. The first break point of discharge stations to a proposed wild rice water is at approximately 60 miles. Approximately half (43% or 319) of the 745 WWTP discharge stations are within the 60-mile distance. The next break point in the histogram is at approximately 25 miles (Figures 1 and 2) and includes approximately 18% (135) of the 745 WWTP discharge stations (128 individual WWTFs).

### MPCA effluent limit review process

There are a number of reasons why it is not reasonable to conduct effluent limit reviews for all WWTF discharge stations that are within 413 miles upstream of a proposed wild rice water. The MPCA recognizes variables other than sulfate levels must also be taken into consideration and conducting effluent limit reviews for the WWTF within that range is impossible under current staff levels. Even when considering discharges only from those facilities within a distance of 25 miles upstream of a wild rice water, adding 135 sulfate reviews (approximately 62 domestic and 73 industrial) to the existing MPCA effluent limit setting effort will be a significant increase in MPCA workload. However, it is reasonable to use 25 miles as a starting point for the discussion of impact, although it is only one of several other parameters that will also need to be taken into consideration when determining where effluent limit reviews are needed. Using other variables, such as watershed size and WWTF effluent and percent contribution, is an accepted procedure for conducting effluent limit reviews for implementing other water quality standards. For example, the implementation procedures for the recently adopted river eutrophication standards analyze flow, total phosphorus (also considered a relatively conservative parameter) concentration, and loading to a water body of interest. These factors are considered both at a local and larger watershed scale to determine reasonable potential for a facility to cause or contribute to a downstream impairment.

### Analytical process

A combination of existing MPCA data sources were used in the analysis of WWTFs discharging upstream of proposed wild rice waters. A tool that uses the specific location of a WWTF's surface discharge location along with identified wild rice locations, via GIS, determines the effluent flow path. However, the output of the tool is limited to the data available to use. MPCA is consistently updating WWTF information and wild rice information as appropriate. With the current data limitations, the MPCA must confirm the effluent flow path to a downstream proposed wild rice water prior to conducting a sulfate effluent limit review, on any WWTF, for the protection of wild rice.

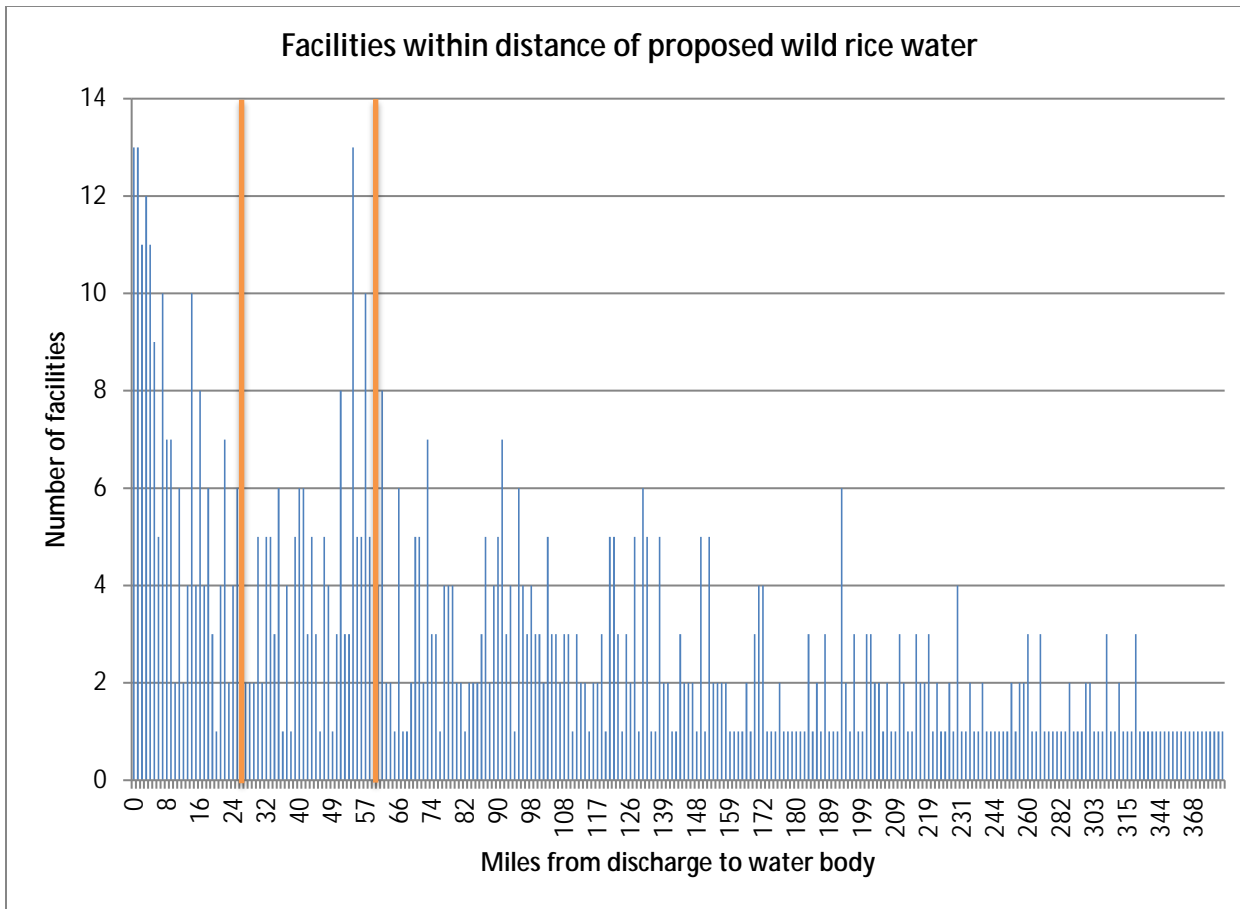


Figure 1. Estimated 745 wastewater treatment plants and associated distance they discharge upstream of a proposed wild rice water. Orange lines identify breakpoints in histogram at 25 and 60 miles. These mile markers identify 140 and 319 wastewater treatment facilities, respectively, upstream of a proposed wild rice water.



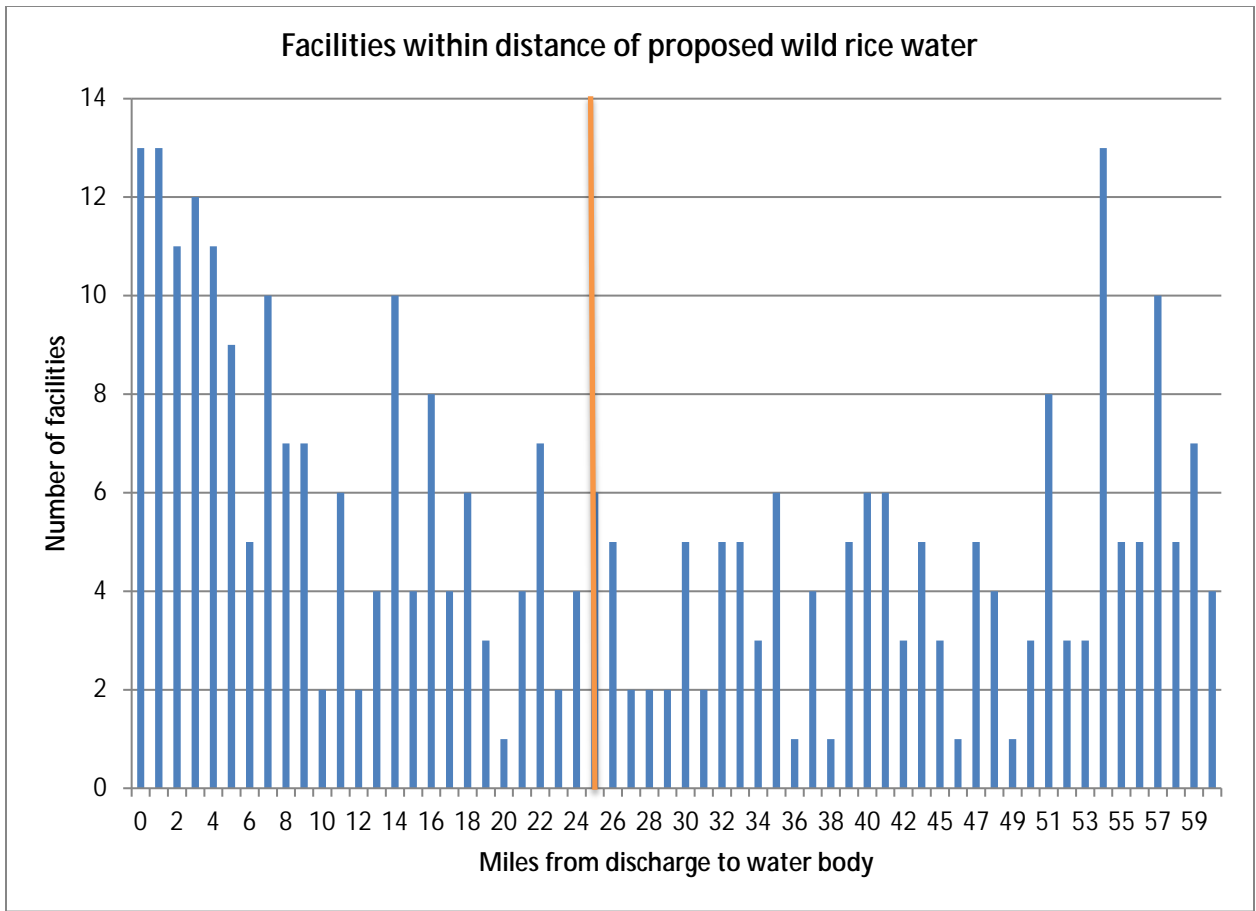


Figure 2. Estimated 319 wastewater treatment plants and associated distance they discharge within 60 miles upstream of a proposed wild rice water. Orange line identifies breakpoint at 25 miles and includes approximately 140 wastewater treatment facilities upstream of a proposed wild rice water.

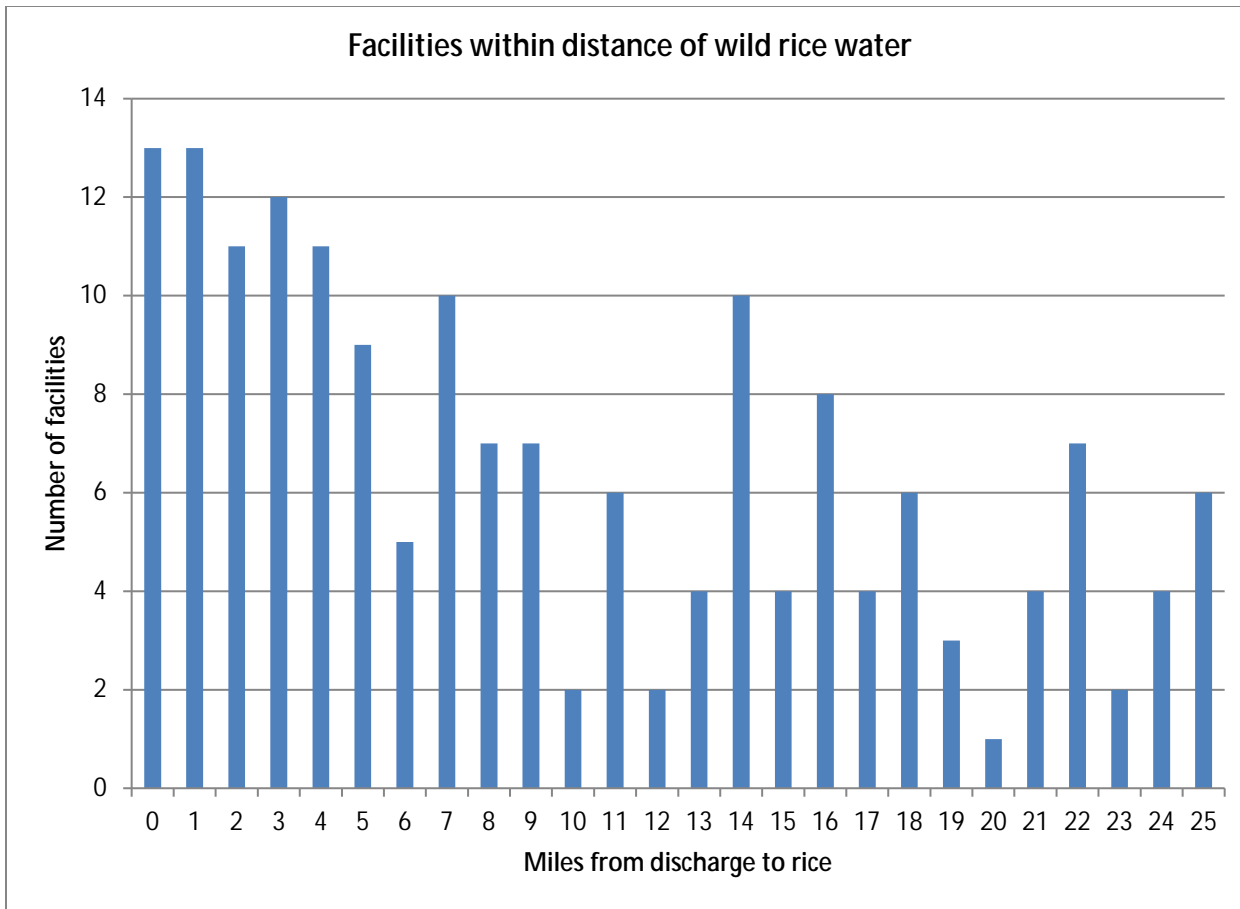


Figure 3. Estimated 140 wastewater treatment facilities and associated distance they discharge within 25 miles upstream of a proposed wild rice water.

**Wild Rice Waters not meeting standard**

Individual designated wild rice waters not meeting the respective water body sulfate standard will have individual reviews completed for any applicable effluent limit. This effort may be in conjunction with a total maximum daily load (TMDL) study.

## Attachment 5 Potentially Affected WWTP

Facility Name	Facility Type	Draft Wild Rice Name
3M Cottage Grove Center	Industrial	Sturgeon Lake
Aggregate Industries – Nelson Plant	Industrial	Sturgeon Lake
Aitkin agri-peat Inc – Cromwell	Industrial	Little Kettle Lake
Aitkin agri-peat Inc – Cromwell	Industrial	Kettle Lake
Aitkin agri-peat Inc – McGregor	Industrial	Steamboat Lake
Alexandria Lakes Area Sanitary District	Domestic	Long Prairie River
Alexandria Light & Power	Industrial	Long Prairie River
Altura WWTP	Domestic	Mississippi Pool 5/Spring
Anchor Bay Mobile Home Park	Domestic	Rainy River
Anchor Glass Container Corp	Industrial	Blue Lake
Apex International Manufacturing Inc	Industrial	Blue Lake
ArcelorMittal Minorca Mine Inc - Minorca	Industrial	Sand River
Audubon WWTP	Domestic	Buffalo River
Babbitt WWTP	Domestic	Hay Lake
Bagley WWTP	Domestic	Clearwater River
Baudette WWTP	Domestic	Rainy River
Becker County Sanitary Landfill – Closed	Industrial	Big Floyd Lake
Belgrade WWTP	Domestic	Monongalia Lake
Bemidji WWTP	Domestic	Andrusia Lake
Bigfork WWTP	Domestic	Rice Creek
Biwabik WWTP	Domestic	Cedar Island Lake
Biwabik WWTP	Domestic	Embarrass Lake
Brownsville WWTP	Domestic	Pool 8 at Reno Bottoms
Callaway WWTP	Domestic	Buffalo River
Calumet Superior LLC – Duluth Petroleum	Industrial	St Louis River Estuary
Carlos WWTP	Domestic	Long Prairie River
CenterPoint Energy Distribution System	Industrial	Platte River
CF Industries Sales LLC – Pine Bend Terminal	Industrial	Sturgeon Lake
Clearbrook WWTP	Domestic	Clearwater River
Cliffs Erie – Dunka Mining Area	Industrial	Dunka R
Cliffs Erie – Dunka Mining Area	Industrial	South Kawishiwi
Cliffs Erie – HL Tailings Basin Area	Industrial	Partridge
Cliffs Erie – HL Tailings Basin Area	Industrial	Wynne Lake
Cliffs Erie – Hoyt Lakes Mine Area 5	Industrial	Second Creek
Cliffs Erie – Hoyt Lakes Mine Area 5	Industrial	Wynne Lake
Cliffs Erie – Hoyt Lakes Mining Area	Industrial	Second Creek
Crane Lake WWTP	Domestic	Crane Lake
Cromwell WWTP	Domestic	Flower Lake
Deer River WWTP	Domestic	White Oak Lake
Detroit Lakes WWTP	Domestic	Pelican Lake
East Gull Lake WWTP	Domestic	Gull River
Ely WTP	Industrial	Fall Lake

Facility Name	Facility Type	Draft Wild Rice Name
Ely WWTP	Domestic	Fall Lake
Enbridge Energy Ltd – Clearbrook	Industrial	Clearwater River
Encore Mineral Resources LLC	Industrial	Swan River
Essar Steel Minnesota LLC	Industrial	Ox Hide Lake
Farmington City of GW Discharges	Industrial	Fisher Lake
Flint Hills Resources Pine Bend LLC	Industrial	Sturgeon Lake
Foley WWTP	Domestic	Rice Lake
Former Morris Oil Bulk Plant	Industrial	Fall Lake
Garfield WWTP	Domestic	Ida Lake
Grasston WWTP	Domestic	Snake River Bay
Great Lakes Gas Transmission LP	Industrial	Grant Creek
Grey Eagle WWTP	Domestic	Little Birch Lake
Hibbing Taconite Co – Tails Basin Area	Industrial	Shannon Lake
Hinckley WWTP	Domestic	Kettle River
Hokah WWTP	Domestic	Miss. River Backwater
Houston WWTP	Domestic	Miss. River Backwater
Hoyt Lakes WWTP	Domestic	Partridge River
Inland Steel Mining – Sauntry Creek	Industrial	Sandy River
Jarden Home Brands	Industrial	St Louis River Estuary
John Iacarella – Linwood Terrace Co	Industrial	Carlos Avery WMA-N Sunrise Pool
Jordan Aggregates LLC	Industrial	Blue Lake
Jordan WWTP	Domestic	Blue Lake
Keewatin Taconite Operations – Tailings	Industrial	Hay Lake
Keewatin WWTP	Domestic	Hay Lake
Kellogg WWTP	Domestic	Mississippi Pool 5/Spring
Kettle Falls Hotel & Guest Villas	Domestic	Rat Root Lake
Kings Cove Inc	Industrial	Sturgeon Lake
Lake City WWTP	Domestic	Mississippi Pool 4/Robinson Lake
Laketown Community WWTP	Domestic	Blue Lake
LifeCore Biomedical LLC	Industrial	Blue Lake
Longville WWTP	Domestic	Rice Lake
MA Gedney Co	Industrial	Blue Lake
McGregor WWTP	Domestic	Steamboat Lake
McLaughlin Gormley King Co	Industrial	Blue Lake
MDNR Crystal Springs State Fish Hatchery	Industrial	Mississippi Pool 5/Spring
MDNR Father Hennepin State Park	Industrial	Mille Lacs
MDNR Spire Valley Hatchery	Industrial	Mitchell Lake
Menahga WWTP	Domestic	Yaeger Lake
Mesabi Mining Area	Industrial	Partridge River
Mesabi Mining Area	Industrial	Wynne Lake
Mesabi Mining Area	Industrial	Second Creek
Mesabi Nugget Delaware LLC	Industrial	Partridge River
Met Council – Blue Lake GW Relief System	Domestic	Blue Lake
Met Council – Blue Lake WWTP	Domestic	Blue Lake

Facility Name	Facility Type	Draft Wild Rice Name
Met Council – Eagles Point WWTP	Domestic	Sturgeon Lake
Met Council – Empire WWTP	Domestic	Sturgeon Lake
Met Council – Hastings WWTP	Domestic	Sturgeon Lake
Miltona WWTP	Domestic	Long Prairie River
Minnesota Pipe Line Co	Industrial	Sturgeon Lake
Minnesota Power – Arrowhead HVDC	Industrial	St Louis River Estuary
Minnesota Power – Boswell Energy Center	Industrial	Blackwater Lake
Minnesota Power – Laskin Energy Center	Industrial	Partridge River
Moose Lake WWTP	Domestic	Moose Horn River
Mora WWTP	Domestic	Rice Creek
Motley WWTP	Domestic	Placid Lake
Nashwauk WWTP	Domestic	Hay Lake
New York Mills WTP	Industrial	Rush Lake
Northern Natural Gas Co	Industrial	St Louis River Estuary
Northshore Mining Co – Peter Mitchell	Industrial	Dunka R
Perham Resource Recovery Facility	Industrial	Rush Lake
Pies Inc	Industrial	Blue Lake
Pillager WWTP	Domestic	Crow Wing River
Pine City WWTP	Domestic	Snake River
Pine River Area Sanitary District	Domestic	Pine River
Premier Horticulture Inc – Black Lake Site	Industrial	Cross Lake
Prior Lk/Spring Lk Ferric Chloride WTP	Industrial	Blue Lake
Rahr Malting Co	Industrial	Blue Lake
Remer WWTP	Domestic	Shovel Lake
Rich Prairie Sewer Treatment Facility	Domestic	Rice Lake
Riverview Terrace Mobile Home Park WTP	Industrial	Blue Lake
Saint Croix Forge Inc	Industrial	Mud Lake
Sandstone WWTP	Domestic	Kettle R
Sappi Cloquet LLC	Industrial	St Louis R
Serpent Lake WWTP	Domestic	Mississippi R
Solvay Pharmaceuticals Inc	Industrial	Winter Road River
Staples WWTP	Domestic	Placid Lake
Tamarack WWTP	Domestic	Flowage Lake
Tate & Lyle Ingredients Americas LLC	Industrial	St Louis Estuary (2)
TEL FSI Inc	Industrial	Blue Lake
US Steel Corp – Keetac	Industrial	Leighton Lake
US Steel Corp – Minntac Tailings Basin Area	Industrial	Little Sandy Lake
USCOE Leech Lake Rec Area WWTP	Industrial	Mud Lake
USCOE Lock & Dam 2 WTP	Industrial	Sturgeon Lake
USCOE Sandy Lake WWTP	Industrial	Sandy River
USG Interiors LLC – Cloquet	Industrial	St Louis R
Vergas WTP	Industrial	Long Lake
Viking Gas Transmission	Industrial	Pelican lake
Wabasha WWTP	Domestic	Mississippi Pool 4/Robinson Lake

Facility Name	Facility Type	Draft Wild Rice Name
Wahkon WWTP	Domestic	Ogechie Lake
<del>Westside Equipment Company Inc</del>	<del>Industrial</del>	<del>Clearwater Lake</del>
Winona WWTP	Domestic	Blue lake
Winton WWTP	Domestic	Fall Lake
Wisconsin Central Ltd – Proctor Railroad Yard	Industrial	St Louis Estuary (2)

Note:

- Blue shaded facilities are facilities assumed to meet the criteria of a small business/small city.
- Strikeout facilities are closed but still permitted.
- Domestic facilities also include water treatment plants (which generate waste different from conventional domestic wastewater) and also facilities that are not publicly-owned, but because they generate wastewater similar to a municipal WWTP are not classified as “industrial” dischargers.