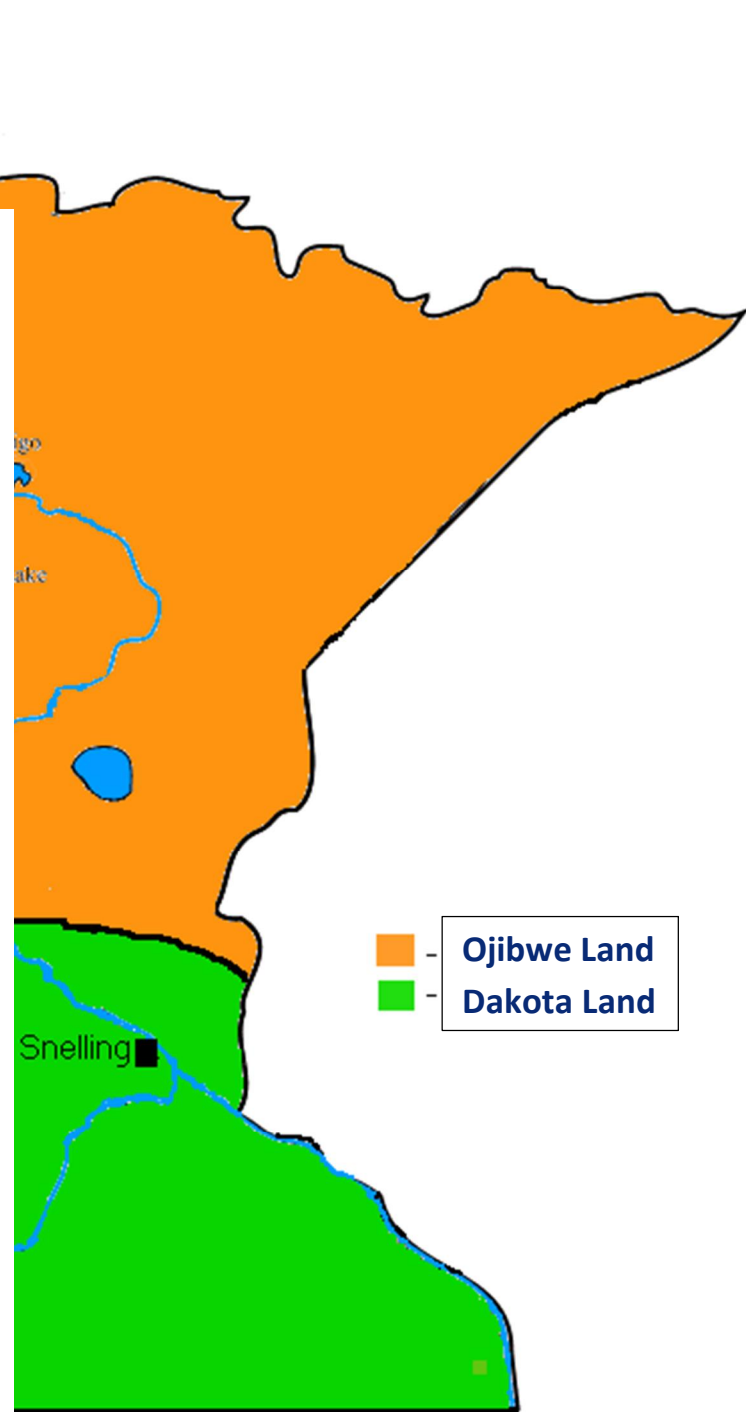


2018 Tribal Wild Rice Task Force Report



DECEMBER 15TH, 2018

Prepared by the:
MINNESOTA TRIBAL WILD RICE TASK FORCE



“You will know the chosen ground has been reached when you come to a land where food grows out of the water.”

SEVEN FIRES PROPHECY

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EXECUTIVE SUMMARY

This report, and the creation of a Minnesota Tribal Wild Rice Task Force, serves as a response to the 40th Governor of the State of Minnesota creating a “Wild Rice Task Force” that is *disrespectful and contrary to Executive Order 13-10 ... and directly relegates the Tribes to the status of special interest groups and industry rather than honoring Tribal sovereignty. (Minnesota Chippewa Tribe Resolution 107-18)*

On May 30th, 2018, Governor Mark Dayton filed Executive Order 18-08 which provided for the establishment of the Governor’s Task Force on Wild Rice. The Governor’s Task Force on Wild Rice was charged with reviewing scientific literature to identify information related to the impacts of sulfate or other sulfur compounds or habitat conditions on wild rice and preparing comments that addressed environmental conditions that contribute to wild rice population declines. The proposed composition of the Governor’s Task Force on Wild Rice does not respect the sovereignty of the eleven federally-recognized Native American Tribes, Bands, and Communities in the State of Minnesota or the unique status of federally-recognized Tribes that have guaranteed usufructuary rights by Treaties. The proposed Wild Rice Task Force composition does not acknowledge that Minnesota’s Native American Tribes will be disproportionately affected by the loss of a usufructuary property right directly related to legislation prohibiting enforcement of existing water quality standards and the composition minimizes the technical expertise, knowledge, and interests of the Tribes.

On May 31st, 2018, the Minnesota Chippewa Tribe (MCT) responded to Executive Order 18-08 by passing a resolution (82-18) and sending a correspondence to Governor Dayton informing him that the MCT would support the creation of a wild rice task force provided that each of the member reservations of the MCT be provided a separate seat on the Governor’s Task Force on Wild Rice.

On June 28th, 2018, Governor Mark Dayton filed Executive Order 18-09 which amended Executive Order 18-08 and changed the composition of the task force from a representative appointed by the Minnesota Indian Affairs Council to adding a representative nominated by the four Minnesota Dakota Tribes and a representative nominated by the Red Lake Nation, but maintained only one seat available for a nomination by the six Bands of the Minnesota Chippewa Tribe. Furthermore, the proposed composition of the Governor's Task Force on Wild Rice was similar to the Minnesota Pollution Control Agency (MPCA) Wild Rice Advisory Board where during the process and through consultation, the comprehensive comments provided on behalf of the Tribes to the MPCA were generally disregarded and not incorporated into the then proposed wild rice rule.

This resulted in the Tribal Executive Committee of the MCT, comprised of the top two elected officials from each of the MCT Bands, to find that it was in the Tribes' best interest to decline/reject the Governor's offer to participate in the Governor's Task Force on Wild Rice and instead form the Minnesota Tribal Wild Rice Task Force (TWRTF). MCT Resolution 107-18 served as an invitation for the other federally-recognized Native American Tribes in Minnesota to participate in gathering and reviewing information, preparing documents, and making recommendations utilizing their own expertise. It also established the TWRTF which was to be comprised of, provided that such other federally-recognized tribes in Minnesota chose to participate, two representatives from each of the eleven federally-recognized tribes of Minnesota.

The purpose of the TWRTF is to review existing literature, including literature and information based on tradition, culture, and science, that is available to inform the understanding of the impacts of sulfate or other sulfur compounds on habitat conditions on wild rice, identify information gaps, make recommendations on priorities for wild rice research and prepare a report with recommendations in a similar fashion to that included in Executive Orders 18-08 and 18-09, and provide such report to the Governor by December 15th, 2018.

INTRODUCTION

An existing water quality standard for wild rice (10 mg/L sulfate) has been a USEPA federally recognized standard in: Minnesota since 1973, Fond du Lac Reservation since 2001, Grand Portage Reservation since 2005. The original 1973 rule was promulgated following Minnesota's assumption of Clean Water Act authority and was based upon extensive biological surveys done by state biologist John Moyle in the 1940s. However, while this standard has largely been unenforced by state or federal agencies, the Tribes have fully implemented it. Fond du Lac and Grand Portage have both sponsored basic ecological research and research into the effects of sulfate on wild rice, beginning in 2003 and continuing today. With the concern over discharges with elevated sulfate that may impact wild rice, Tribes and environmental groups began pushing the Minnesota Pollution Control Agency (MPCA) about 15 years ago to enforce the standard. Concern was also raised from the dischargers (i.e., it would be too expensive to meet standard; is the standard the appropriate number?) who would potentially be regulated.

In 2010 the MPCA was directed by the state legislature to further evaluate the impacts of sulfate and sulfide, and determine if changes to the current standard are needed. MPCA had three goals: to revise the numeric standard to incorporate the latest scientific understanding of the impacts of sulfate; to clarify the beneficial use and which waters support the beneficial use; and to clarify what it means to meet or exceed the standard. The timeline of the process is as follows:

- **Wild Rice Advisory Committee (2011-2017)** – A group of a variety of interests (agencies, tribes, researchers, harvesters, environmental groups, industry, etc.) provided input to MPCA on the standard and scientific studies.
- **Studies (2011-2013)** – State sponsored research programs were completed including field surveys, controlled laboratory experiments, and outdoor container experiments. Results indicated that sulfate (when converted to sulfide) impacts wild rice.

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- **Peer Review Committee (2014)** – Group of independent scientists provided feedback to the MPCA on research projects and results.
 - **Minnesota Chippewa Tribe letter to Governor Dayton (2014)** – The letter addressed concerns regarding the definition of “waters used for the production of wild rice” and water quality standards pertinent to wild rice.
 - **Legislative Rules (2015, 2016, 2017)** – Rules were passed prohibiting MPCA from identifying impaired wild rice waters and enforcing the existing 10mg/L wild rice sulfate standard, until a revised rule would take effect. These actions unduly restricted MPCA’s regulatory authority, leaving them vulnerable to losing their delegated National Pollutant Discharge Elimination System (NPDES) authority according to the USEPA.
 - **MPCA issues proposed rule (2017)** – Instead of the current standard of 10mg/L sulfate, the proposal was for an equation-based standard (depending on the amount of sulfate, iron, and organic carbon in a system). A unique sulfate standard would be calculated and developed for each system where it applies. A partial list of known wild rice waters, to which the standard would apply, was also published in the revised rule.
 - **Minnesota Indian Affairs Council letter to MPCA Commissioner Stine (2017)** – The letter highlighted the deficiencies of MPCA’s proposed rule revisions for Minnesota’s sulfate standard to protect wild rice.
 - **Administrative law judge rulings (2018)** – In January 2018, a report from the Administrative Law Judge was issued disapproving MPCA’s repeal of the existing standard and replacing it with the agency’s proposed rule revisions. The MPCA asked the judge to reconsider, but the Chief Administrative Law Judge’s Order on Review issued in April 2018 confirmed the earlier decision to disapprove MPCA’s approach to changing the standard. Some key points of the decision were:
 - 1) MPCA failed to establish the reasonableness of the repeal of the existing 10mg/L sulfate standard, and the repeal conflicted with state and federal statute; 2) the proposed equation-based standard failed to meet the definition of a rule under Minnesota statute, was not rationally related to the

MPCA's objective, and was unconstitutionally void for vagueness; 3) the proposed list of wild rice waters was deficient, as it violated federal statutes; 4) the Agency failed to establish need or reasonableness, specifically related to the limited list of wild rice water that are provided additional protection under narrative standard, in violation of state statute.

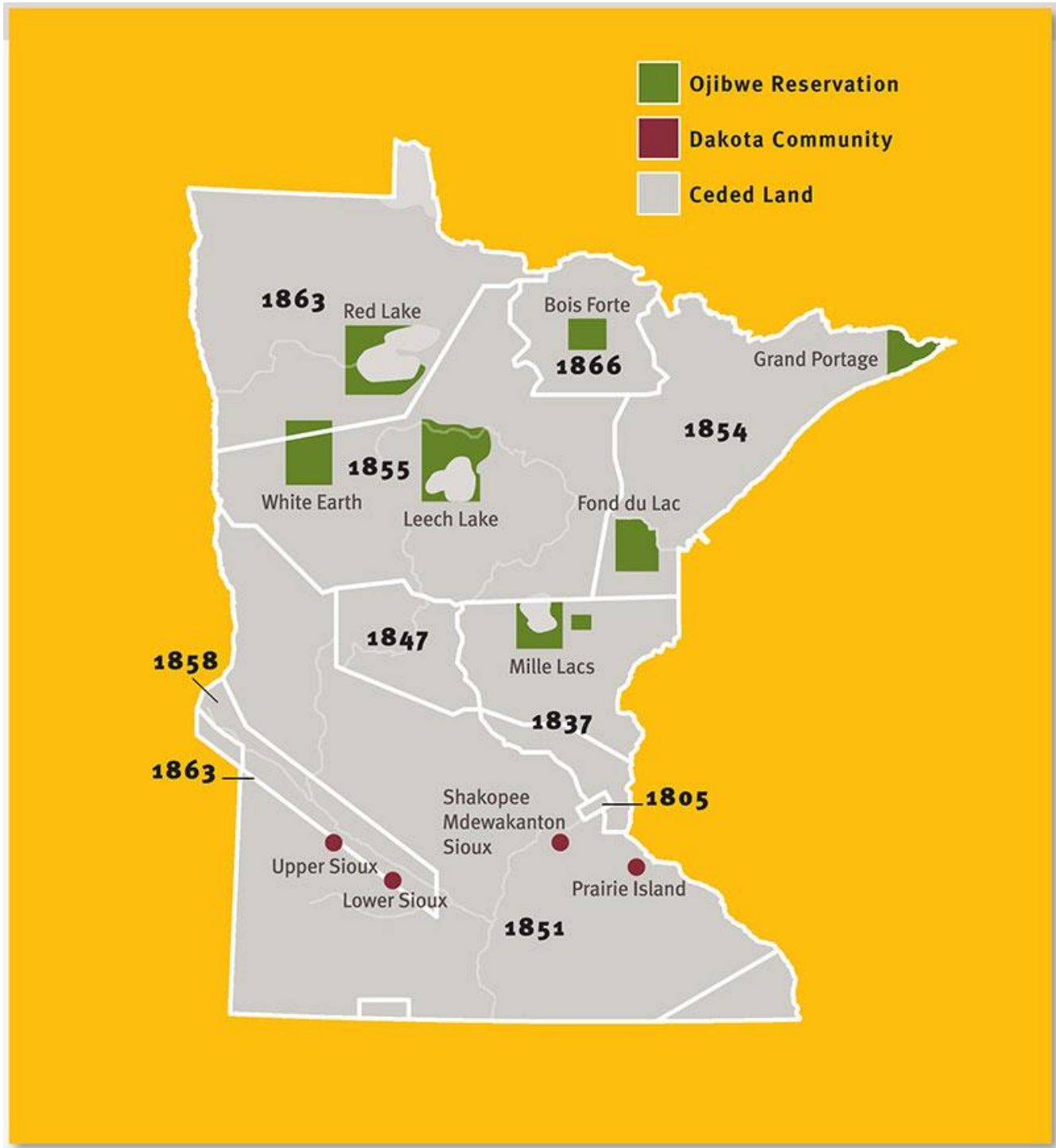
- **MPCA withdraws rule (2018)** – Proposed changes to the wild rice sulfate standard were withdrawn by MPCA in May 2018. The existing standard of 10 mg/L sulfate remains in place with legislative restrictions of 2015, 2016 and 2017.
- **Proposed legislation, vetoes, and executive order (2018)** – Attempts were made in the legislature to pass bills removing the existing standard, but the governor vetoed the proposed legislation twice (May 9th letter to Speaker of the House and May 30th letter to Speaker of the House). In May 2018, the governor issued Executive Order 18-08 which established a task force to further evaluate the standard and issue a report by December 2018. The order also states that no existing permitted facility will be required to install unaffordable equipment to meet existing sulfate standard.
- **Minnesota Chippewa Tribe Resolution 82-18 and letter to Governor Dayton (2018)** – The letter supported the creation of the wild rice task force provided that each member reservation of the Minnesota Chippewa Tribe be provided a seat on the Governor's task force.
- **Letter from Governor Dayton to Minnesota Tribal Leaders (2018)** – Amendments to be made to Executive Order 18-08 were outlined, which included adding one seat for the four Minnesota Dakota Tribes and one seat for the Red Lake Nation, but maintained the one seat for the six Bands of the Minnesota Chippewa Tribe.
- **Governor Dayton issues Executive Order 18-09 (2018)** – This amended Executive Order 18-08 as described in the governor's letter to the Minnesota Tribal Leaders.

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- **Minnesota Chippewa Tribe letter to Governor Dayton (2018)** – This letter respectfully explained the reason for declining the offer to serve on the Governor’s Wild Rice Task Force and subsequently the creation of the Tribal Wild Rice Task Force by the federally-recognized sovereign nations of Minnesota. Furthermore, it stated that the Minnesota Chippewa Tribe will only participate in government-to-government consultation in order to strengthen the relationship between the State and the Tribe, and to ensure that Executive Order 13-10 is implemented properly.
 - **Tribal Wild Rice Task Force (2018)** – The formation of the Governor’s Wild Rice Force did not allow representation by all tribes in Minnesota. Tribes found this unacceptable as each is a sovereign government and must necessarily represent themselves. In August 2018, the Minnesota Chippewa Tribe passed resolution 107-18 creating a Tribal Wild Rice Task Force charged with developing its own report and recommendations, and communicated its intent by letter to the Governor of Minnesota.
 - **Fond du Lac Revised Water Quality Standards (2018)** – In September 2018, Fond du Lac published notice of their revised water quality standards for public comment under their federal Clean Water Act authority. The Band is proposing to maintain their 10mg/L sulfate standard, as recent research has confirmed it is scientifically defensible, and adding protective narrative standards for wild rice waters.

Tribes did remain engaged with the MPCA throughout the process outlined above. Staff representing some, but not all, Minnesota tribes participated as members of the Wild Rice Advisory Committee. In addition, the MPCA did make efforts to hold additional consultation with all tribes indicating interest, including several Ojibwe Bands from Wisconsin. This consultation did include formal government to government meetings and more informal staff to staff communications. But despite this involvement and consultation, tribal expertise has not been reflected in the state’s policies or rulemaking for wild rice. Tribes have put forth considerable effort in information sharing and commenting, yet most key thoughts and concerns have not been addressed to date. This report reiterates many of the previous concerns. We ask that state and federal regulating agencies meet their responsibilities and work with tribes to protect and maintain natural stands of wild rice for future generations.

IMPORTANCE OF WILD RICE

Ojibwe Reservations/Dakota Communities and Treaty-Ceded Territories



Cultural Context

The third of seven prophets came to the Anishinaabe people more than one thousand years ago and told them to head west to their chosen land. When they found “the food that grows out of the water,” they would know they were home, and this sacred food would feed their families’ bodies and souls for generations to come. This journey is at the core of the Ojibwe migration story, and the sacred food at the center of their cultural identity, spiritual traditions, and physical well-being is manoomin (Ojibwe word for wild rice). To the many bands of Ojibwe people who have made their homes for centuries around the lakes of Minnesota, manoomin is far more than a crop or a staple food. It is a sacred symbol that represents their journey, their relationship to the land that sustains them, and their very identity as Ojibwe people. Anishinaabe people live by the philosophy “that if we care for the nibi (Ojibwe word for water) and manoomin, the manoomin will care for us”.

While Ojibwe or Anishinaabeg historic and cultural connections to wild rice have been communicated to the public through various media, many people are surprised to learn that ricing also has deep roots in Dakota history. Dakota people used to travel without boundaries around the land which is now the state of Minnesota. Psij (Dakota word for wild rice) was abundant across the state, including in southern Minnesota. Lakes and rivers were clean enough for psij growth then, with unaltered hydrology.

Dakota people were ricing long before the Ojibwe’s prophecy relocated them to the Dakota homelands. Dakota people shared their ricing traditions with the Ojibwe, and these traditional harvest and parching methods are those still used by the native communities today. The settlement era influenced the placement of Dakota people in the southern reaches of Minnesota along the Minnesota and Mississippi Rivers. Dakota people have harvested psij both when it was in the territory they occupied, and when it was in “contested territory” or the middle section of Minnesota that was then a war zone where people weren’t allowed to camp. That territory was often hunted and harvested by both peoples’ groups.

Four Dakota communities now reside in the southern half of Minnesota, with Prairie Island Indian Community lands located along the Mississippi River near Red Wing, Shakopee Mdewakanton Sioux located just off the Mississippi River near Prior Lake in Shakopee, and Lower & Upper Sioux communities residing in the Minnesota River valley.

According to Jenks (1901) and many oral history accounts, psij used to grow along the reaches of the Mississippi and Minnesota Rivers, as well as the St. Louis river basin. Deloria (1967) gives an account of people in the Red Wing area gathering psij, along with places specifically near Sakpe (now Shakopee) and St. Paul. Oral history tells us Dakota people gathered psij for sustenance along the Mississippi River and backwater lakes on down to Lake Pepin. Psij sustains the Dakota culture to this day, but there is hardship being that psij no longer grows with the same abundance it once did along these rivers.

The Dakota custom of harvesting psij has never stopped since a time immemorial. However, Dakota people now have to travel much farther to reach areas where psij is appropriately abundant for harvest. For many, this means traveling to another Tribe up north because psij has been removed for so long from Dakota people's current place of residence that the tradition surrounding an annual harvest has been lost. Psij is still deeply embedded in Dakota culture as is evident in ceremonies, gifts, diet, and traditions carried down for generations. The Dakota communities today are working to restore the rice that was once there, and bring back this nutritious resource to our own lands.

This very brief history of the Dakota people tells of a broken connection with something that was abundant in their homelands and is no longer. The Dakota nations must rely on their relatives in the northern half of the state to supply psij for restoration seeding, for consumption, and for ceremonies. May this history show us clearly that Minnesotans need to prevent the loss of any more rice in northern regions of Minnesota where psij still grows in its native range. Psij is health and life to tribal culture both for the Ojibwe and Dakota people.

Minnesota tribes entered into treaties with the United States in the 1800's to reserve hunting, fishing, and gathering rights in the lands and waters ceded to the United States. The exercise of these rights is fundamental to tribes' cultures and ways of life and maintains religious, ceremonial, medicinal, subsistence, and economic needs.

Every federal agency has a responsibility to these tribes and their treaty rights, and this extends to the protection of the habitats and environmental quality that sustain manoomin/psij. The recognition of sovereign rights is part of any given tribes' ongoing struggle to preserve a culture that is best understood in terms of their relationship with the natural environment. Tribal members continue to harvest and rely upon manoomin/psij for religious purposes including naming ceremonies, funerals, Midewiwin ceremonies, and various seasonal feasts.

These activities are critical components in perpetuating Anishinaabeg/Dakota lifeways and cultural practices. Anishinaabeg/Dakota spiritual beliefs mandate the use of certain plants, animals, and fish in ceremonies attendant to hunting, fishing, and gathering activities. These ceremonies ensure the perpetuation of the resources and the physical, mental, and spiritual well-being of the person. Tribal leaders have noted that elders in their communities reaffirmed the position that traditional foods, including manoomin/psij, are medicine for Anishinaabe and Dakota people. Today, tribes experience higher than average rates of diseases such as diabetes and heart disease. Much of the current state of Native American health can be traced back to historical practices that have displaced tribes and limited access to healthy and traditional foods, such as manoomin/psij. Many tribes are dependent upon manoomin/psij for subsistence needs.

Many Native Americans eat manoomin/psij at least once a month, though historically this rate was much higher. Survey results show that manoomin/psij is the most commonly consumed traditional food, and Native Americans wish to eat it more often. The annual hand-harvest on Minnesota lakes and rivers is a cherished ritual that preserves time-honored traditions and builds tribal community.

Harvesting rice by hand is part of a deeply held belief that this wild gift from the Creator, and the land that sustains it, should be treated with respect and gratitude rather than cultivated and exploited. Hand-harvested rice is frequently offered as gifts and is used as an offering in spiritual ceremonies and funerals.

Health and Subsistence

Despite its cultural significance, Minnesota tribes have experienced challenges in documenting and publicizing the impacts to community health, social cohesion, and access to healthy food that they bear as wild rice resources are being degraded and diminished. The Fond du Lac Band attempted to bring these health and cultural inequities to light in a Health Impact Assessment or HIA, and to clearly and simply articulate the importance of manoomin to the health of the Ojibwe people. This HIA explored historical trauma, grave disparities in health outcomes and access to health care, and socioeconomic inequities (social determinants of health) that shape the lives of traditional people in a modern world. It highlighted the need to protect and support resilient cultural and spiritual practices that connect people to their ancestors, their identity, and future generations. The practices of harvesting, processing, eating, sharing and gifting manoomin; the language associated with these practices and ceremonies that celebrate manoomin are central to the health of tribal communities.

From Expanding the Narrative of Tribal Health: The Effects of Wild Rice Water Quality Rule Changes on Tribal Health (Fond du Lac Health Impact Assessment 2018):

“Food sovereignty is the right of peoples to healthy and culturally appropriate food produced through ecologically sound and sustainable methods, and the right to define their own food and agricultural systems... Harvesting what is naturally occurring and compatible with one’s own environment is a key component. When people harvest, process, prepare and serve native foods, they build strong relationships with the land and with each other... The establishment of reservations limited access to traditional foods and replaced them with less nutritious, more expensive store-bought foods, leading to nutritional deficiencies and food insecurity that Native Americans experience today...

A history of displacing tribes and limiting access to traditional foods like manoomin has had profoundly negative and persistent impacts to Native American health and well-being.”

To address these health disparities, Prairie Island Indian Community (PIIC) has initiated a movement of food sovereignty in the community. In 2017, PIIC conducted a Food Sovereignty Assessment which strongly revealed a desire by the community to increase the availability, harvesting opportunities and consumption of local psij. PIIC community members classified psij as one of the top five “food(s) that you need or would like to eat that are difficult to get, or are not available, in your community.” In addition, out of the 75 respondents, 88% felt that “health issues (such as diabetes, heart disease, and obesity) in our community are related to food and diet” and 82% felt that “health issues would improve with access to traditional foods”. This puts a high importance on increasing access to indigenous foods like psij for the health of the community.

Also in the 2017 Food Sovereignty Assessment, the following comments relating to psij were provided in response to the question “if you could tell your tribal or community leaders anything about food and hunger issues in your community, what would you tell them?”;

- We need to utilize our land to grow our own foods
- Food is healthcare
- Reconnecting with our land is important to food issues
- Increasing access to traditional foods in order to teach about them
- Providing better access to healthier, fresher food in order to provide people with options
- Becoming as self-sufficient as possible would benefit our community greatly
- More people would eat healthier if they had better access to healthier food
- We need to introduce more traditional foods into community events

A movement in bringing back cultural traditions surrounding wild rice is also taking place at PIIC as multiple educational community events have been happening each year since 2015.

These events, in addition to continued tribal community involvement in psin restoration efforts, include harvesting field-trips, parching, push-poling, and cooking classes.

Similarly to PIIC, the Lower Sioux Indian Community is addressing concerns on food sovereignty. The 'Honoring Little Crow through Healthy and Indigenous Foods Initiative' resolution was adopted by the Lower Sioux Tribal Council in 2016. This policy was developed to implement a system change to increase visibility of and access to healthier indigenous food and beverage choices to support a healthy Lower Sioux Community. Results from the Community's 2018 Food Sovereignty Assessment found that almost half of the respondents considered wild rice the top choice of traditional foods. However, nearly 75% of the respondents stated that they are not able to eat traditional foods as often as they would like. The Lower Sioux Office of the Environment is working on wild rice restoration efforts at four trial sites within the Community (initial seeding in 2015). During the same time, Lower Sioux Recreation department has provided trips during wild rice harvesting season so the Dakota Youth are able to experience ricing "Up North".

Ecology

Wild rice (genus *Zizania*) is an annual grass that grows in shallow water and slow-flowing streams and produces an edible grain. It is native to Minnesota and can be found in 55 counties in the northern region of the state, though its range once covered the entire state. Current coverage of wild rice has declined to at least 64,000 acres when growing conditions are favorable.

A fast-growing, aquatic grass, it sustains both migratory and local wildlife, providing critical food and shelter at every stage of its growth and throughout all four seasons. Migrating and resident species alike rely on the plant's nutritious and abundant seeds. In the fall, many species of duck rely on wild rice as a staple food source. Plant stems provide brood cover for waterfowl and nesting material for species such as common loons, red-necked grebes, and muskrats.

Insect larvae that feed on wild rice serve as a rich food source for blackbirds, bobolinks, rails, and wrens. In the spring, decaying rice straw supports a diverse community of invertebrates that in turn supports birds, fish, and amphibians. In the summer, the whole plant provides food for herbivores like Canada geese, trumpeter swans, muskrats, beavers, white-tailed deer, and moose. In the late summer, papyrus provides cover for molting waterfowl and their young. Due to the plant's diverse ecological value, wild rice lakes and streams serve as breeding and nesting areas for at least 17 species listed as "species of greatest conservation need" on MNDNR's Comprehensive Wildlife Conservation Strategy. As an aquatic plant, it also provides habitat for fish. Wild rice provides additional ecological values by improving the quality of ecosystems, allowing for increased ecosystem function. By sequestering nutrients such as phosphorous and nitrogen, wild rice enriches soils while countering the negative effects of nutrient loading in water bodies that can cause algal growth and turbidity. Stands of wild rice form windbreaks and slow water velocity, limiting the mixing of soil nutrients into the water column. They also prevent erosion by stabilizing loose soils.

Management and Restoration

The Stoney Brook watershed encompasses over half of the Fond du Lac Reservation in northeastern Minnesota, at 59,248 acres, and its headwaters include the Reservation's premier wild rice lakes, designated as "Outstanding Reservation Resource Waters" in the Band's federally-approved Water Quality Standards. The watershed was extensively ditched under judicial order in the early 1900's to drain wetlands and open up acreage for crop agriculture, facilitate development, and encourage non-tribal settlement on tribal lands. But the substantial hydro-modification of this ditch system persists, and has resulted in detrimental fluctuating water levels in the wild rice lakes and significant stream and riparian habitat impairment throughout the watershed.

Because of the altered drainage, water level fluctuations in the wild rice lakes, perhaps the single most critical factor affecting natural wild rice productivity, are difficult to moderate during storm events. Wetlands have been fragmented, and while the direction and flow of shallow ground water between the wild rice lakes is not well understood, it has likely been impacted by the ditch system.

The ditch system, which was excavated between 1916 and 1921, lowered the lake levels on Perch, Jaskari, Rice Portage, Miller, and Deadfish Lakes. The total area of these five wild rice lakes prior to the excavation of the drainage ditches was 1,617 acres. The partial drainage of the lakes resulted in the loss of 850 acres of wild rice habitat to competing vegetation such as cattail, pickerel weed, water lily, sedge and horsetail.

The Fond du Lac Band is very committed to protecting, managing and restoring their wild rice lakes. Tribal leadership has expended considerable resources on the restoration of critical habitat on these wild rice lakes, and has directed the Fond du Lac Natural Resources Program (NRP) to manage and restore the wild rice lakes. Over the past twenty years the NRP has planned and implemented projects to accomplish this goal. A series of four water control structures were built to manage water levels for optimizing wild rice growth, and to restore the lakes to their historical size. Restoring lake levels and proper water level management will help the remnant wild rice stands thrive, but lake level management alone cannot restore wild rice in the areas choked with competing vegetation. The restoration of open water habitat favorable for wild rice requires the mechanical removal of many acres of vegetation with a large sedge mat cutter and two aquatic weed harvesters. The benefits from restoring the wild rice lakes include improved wildlife habitat, especially for waterfowl, in addition to providing wild rice for harvesting.

The topography of the White Earth Reservation varies greatly throughout its boundaries and ranges from prairie pothole, transition zones to forests. The landscape supports over sixty-eight thousand acres of surface waters and over three hundred miles of rivers and streams across three watersheds. The soils also range from loam, heavy clay to sandy. Within these zones a multitude of land uses occur, including agriculture. As agriculture practices increase so does the use of fertilizers, pesticides and herbicides, resulting in negative impacts to surface waters and aquatic life including wild rice. With the added stress of runoff, sedimentation, lack of adequate surface water buffers and accumulation of sulfate, aquatic life is in dire need of protections.

In 1938 the U.S. Army Corps of Engineers built Lock and Dam 3, located in Red Wing, MN, creating Pool 3 of the Mississippi where the Prairie Island Indian Community (PIIC) now resides. The desire to create better shipping lanes along the Mississippi brought about the installation of lock and dams and a 9 foot deep shipping channel along the length of the river. Pool 3 contains both Sturgeon and North Lake, where we know psij originally grew (Deloria and oral history). The implementation of the lock and dam system drastically changed the function of the river. It created better shipping lanes, but also flooded much of PIIC land. The flooding from the dam increased the size of Sturgeon Lake and North Lake, greatly expanding the backwater areas of the Mississippi. Many isolated lakes and large expanses of marshland important to fish, waterfowl, plants, and other native wildlife were lost. These hydrology changes are thought to be a large reason why psij beds shrank or were extirpated on the Mississippi in the years following the installment of the dams.

PIIC has been working to re-establish psij since 2003 in the Mississippi backwaters and wetlands of Tribal land since with a goal to restore 30 acres of wild rice beds. PIIC land sits on about 2,200 acres of backwater lakes, with a band of emergent plants and wetlands encompassing large portions of the Island. PIIC's restoration process includes planting psij in areas of potential growth. Psij is an annual plant, so if flooding prevents growth one year it is not able to re-seed itself for the following year – creating a challenge in the growth cycle. Stocking up a seed bank aids the rice in adapting to its environment, as some rice seed will remain dormant for a number of years before growing. The Land & Environment Department organizes follow-up aquatic plant surveys and appropriate seeding each year to document this re-establishment effort for the Tribe. There have been several years of abundant psij growth on PIIC; 2013, 2015, 2017 being three recent years marking dense rice beds and full growth. Even so, the beds of abundant growth have totaled just over 7 acres in size and continue to struggle due to extreme spring flooding events. Clearly, there is still more work to be done in restoration on PIIC lands.

Economic Importance, Past and Present

In assessing the importance of manoomin/psinj to tribal economies, it is important not to limit the benefit metrics to job and income measures. In regard to tribal manoomin harvests, sales of a portion of the harvest are often used to supplement subsistence (i.e. selling a portion of the manoomin harvest to cover costs for gasoline and other expenses enables tribal members to participate in subsistence activities and provide food for their extended families). Because tribes were forced to participate in a western cash economy by European settlement, and manoomin has been appropriated as a commodity, it has since become a source of material wealth and economic survival for the Ojibwe as well. However, the traditional role of manoomin/psinj is still clear today.

Historically, wild rice was the most important grain in Minnesota's economy. Because it was a dietary staple, easily stored for long periods of time, and easy to use, it held considerable economic value for native people and early explorers and settlers. Although other grains became common over time as they were introduced to Minnesota by immigrants, wild rice continued to be popular. Records of state license sales going back to the 1950s clearly show the enduring popularity and value of wild rice. More than 300,000 licenses have been sold since 1957.

Prior to 1970, Minnesota provided half of the global market supply of wild rice; most of which was from hand-harvested natural stands. As cultivation of wild rice increased, by 1990, natural hand-harvested wild rice in Minnesota accounted for less than 10% of the global supply of wild rice. Yet, hand-harvested wild rice remains a vital part of the state's tribal and local economies. In fact, the largest part of the economy revolving around wild rice is the "underground" economy. Much of people's manoomin harvest is gifted or traded and is never tracked in any organized fashion. There is very little accounting or tracking related to wild rice sales, spending, or harvest. Yet, aside from the cultural importance of the activities, this barter and trade system is also important to the economic wellbeing of harvesters by reducing food costs and improving food security.

As part of the Health Impact Assessment, Fond du Lac worked with Earth Economics to develop an economic benefits analysis describing the impact of seasonal manoomin harvest to the tribal and state economies. This analysis estimated impacts on economic activity, food security, and public health, and then estimated changes in those impacts as a result of potential decreases in wild rice productivity and abundance. While the report was not intended to establish any monetary value to the cultural significance of manoomin, recognizing that these values are beyond economic measure, it did make a strong economic case for protecting manoomin and thereby preserving these benefits for future generations.

The effects of wild rice harvesting ripple throughout the economy in obvious and less obvious ways. Some harvesters sell a portion of the wild rice they gather for obvious economic gain. But additional contributions stem from the costs to undertake harvesting, such as gas, drying tarps, or canoes. Those expenditures support other sectors in the Minnesota economy, like retail and service. Wild rice also supports the Minnesota economy in other, less obvious ways. Conservation agencies, tribes, and other groups and organizations invest enormous amounts of money in ecosystem restoration projects that rely on native wild rice as an important plant. And, due to their magnetism for waterfowl, wild rice waters serve as popular hunting grounds.

According to the 2006 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation, waterfowl hunters contributed more than 43 million dollars (\$43,000,000) to the Minnesota economy. Although hunting numbers on wild rice waters are currently unknown, Ducks Unlimited suggests that no other habitat sees such high concentrations of waterfowl. The shared value that so many Minnesotans place on wild rice habitat is reflected by the widespread efforts of hunting clubs, private citizens, and conservation groups to seed and expand it.

SUPPORTING EVIDENCE OF SULFATE/SULFIDE IMPACTS AND THE NEED TO PROTECT WILD RICE

Hydroponic studies – John Pastor

Dr. Pastor investigated the effects of sulfate and sulfide on the life cycle of wild rice in hydroponic solutions. Sulfate itself had no effect on seed germination or juvenile seedling growth and development, but sulfide greatly reduced juvenile seedling growth and development. The hydroponic experiments demonstrated that the adverse effects to wild rice are an indirect result from sulfide (formed in the low oxygen sediments of mesocosms and natural wild rice ecosystems), not a direct effect of the sulfate.

Mesocosm studies – John Pastor

In outdoor mesocosms (experimental systems that mimic natural ecosystems under controlled conditions), sulfate additions to the water increased sulfide production in the sediments. Wild rice seedling emergence, seedling survival, biomass growth, viable seed production, and seed mass all declined with increasing sulfate concentrations. These adverse effects are a result of the toxicity of the sulfide formed, and the decline in wild rice survival and growth grew steeper over the course of this multi-year experiment. Wild rice grown in mesocosms with higher sulfate concentrations went extinct, at progressively lower concentrations over time. After eight growing seasons of experimental sulfate additions, only the mesocosms with sulfate concentrations of 50mg/L and the control (no sulfate additions) mesocosms still have wild rice growing and reproducing. This line of research essentially confirms the earlier research by a state biologist, who originally observed that no large populations of wild rice occurs in waters that exceed 10mg/L sulfate, and wild rice stands are uncommon or absent where sulfate exceeds 50mg/L.

Iron sulfide formation on roots – Sophia LaFond-Hudson

During the onset of seed production, wild rice root surfaces grown under experimental sulfate-amended treatments developed black iron sulfide plaques on their root surfaces, replacing the typical orange iron hydroxide plaques seen in natural ecosystems and control mesocosms (without sulfate amendments). Iron hydroxides are thought to protect aquatic plants from toxic substances such as sulfide by providing an oxidized barrier around the roots. After these iron sulfide plaques formed on the roots, the wild rice plants ceased uptake of nitrogen, during a point in their life cycle where nitrogen is needed to form seeds. This observed phenomenon may explain the mechanism by which sulfate reduction to sulfide affects seed production and seed biomass, contributing to the decline and extinction of wild rice populations exposed to higher sulfate over time.

Field studies – Amy Myrbo

Comprehensive field surveys led by Dr. Amy Myrbo as part of the state's research program characterized 64 chemical and physical variables over 100 sites across Minnesota. Analysis of the data concluded that, while water temperature and water transparency controlled the suitability of habitat for wild rice, the sulfide in sediment pore water, generated by microbial reduction of sulfate, is the primary control of wild rice occurrence. Anaerobic microbes in lake and river sediments make sulfide from sulfate in the overlying water, and waterbodies that have high concentrations of dissolved sulfide in the sediment have a low probability of hosting wild rice. This research confirms the earlier research by a state biologist, who originally observed that no large populations of wild rice occur in waters that exceed 10 mg/L sulfate, and wild rice stands are uncommon or absent where sulfate exceeds 50 mg/L.

Rooting zone geochemistry – Nate Johnson

Dr. Johnson collected and analyzed rooting zone depth profiles in the experimental mesocosms (Pastor studies) and field sites (Myrbo surveys) to characterize sulfate, sulfide and iron in the rooting zone of wild rice plants. In the mesocosms, a portion of each tank was isolated from plant roots with a sheet of Plexiglass in order to assess the effect of wild rice roots on porewater chemistry (oxidation or reduction). “Peepers” (porewater sensors) were deployed in the plant-free and planted sections of selected mesocosms, and in two field sites where sulfate was elevated (Second Creek, Sandy Lake). He observed a consistent reduction in porewater sulfate as summer progressed, while sulfide increased and was highest just below the sediment-water interface. Lower sulfide concentrations deeper in the sediment layer are likely a result of precipitation with ferrous iron, which had higher concentrations in the deeper sediments, but decreased over the summer season. There was no consistent difference in the porewater of the plant and plant-free portions of the mesocosms, although there were clear differences among the sulfate treatment concentrations.

Temperature dependent diffusion rates of sulfate – Nate Johnson

Dr. Johnson conducted a sediment incubation study to explore the effect that ambient air temperature has on the rate that elevated sulfate concentrations in the water column are converted in the underlying sediment to sulfide, and later release sulfate back into the overlying water. This study was intended to inform whether the seasonal application of the existing sulfate standard was protective (only control sulfate discharges during the growing season). Porewater sulfate decreased over time, as it was reduced to solid-phase sulfide, in both temperature treatments (4.5° C and 23° C), although at a slower rate in the cold treatment; that sulfate reduction rate was calculated, and consistent with observed rates in other studies.

Twin Lakes Monitoring Case Study

A monitoring program has been completed in 2010-2018 at Sandy Lake and Little Sandy Lake. The 1854 Treaty Authority completed the work in support of the Bois Forte Band, and in some years also in cooperation with the United States Steel Corporation. Sandy Lake and Little Sandy Lake, also known locally as the Twin Lakes, historically have produced good stands of wild rice. Wild rice harvesters utilized the lakes when suitable crops were present, including a history of use by tribal members.

A lake survey in 1966 indicated moderately dense to dense stands covering both lakes. Rice production generally declined through the 1970s and 1980s, with little or no rice found in the lakes during a 1987 survey. Rice production has since remained poor to nearly non-existent. The lakes are located downstream of the tailings basin at the U.S. Steel Minntac iron ore operation. Construction of the tailings basin began in 1966, and the resulting changes to the system have impacted wild rice in the Twin Lakes. Monitoring activities were completed in 2010-2018 to document conditions in the lakes and have included water depth recording, inlet and outlet field surveys, water sampling, vegetation surveys, and aerial surveys.

Under another initiative in 2013, lake sediment cores were collected by University of Minnesota researchers to investigate the historical sulfur inputs to Little Sandy Lake. Their analysis found a significant increase in sulfur counts in only the uppermost 10cm of the sediment core which corresponds with the development and operation of the Minntac mine and tailings basin. This increase in sulfur corresponds with the decline in manoomin. The report “Reconstructing Past Sulfur Loading and Wild Rice Abundance in Little Sandy Lake” summarizes the techniques and findings of their investigation.

Four water sampling locations have been established at the Twin Lakes in a downstream order: at the inlet to Little Sandy Lake, near the center of Little Sandy Lake, near the center of Sandy Lake, and at the outlet of Sandy Lake. If focusing at water quality entering the lakes from the tailings basin at the inlet to Little Sandy Lake, sulfate has remained well elevated beyond the current standard of 10 mg/L.

Sulfate Concentration at Inlet to Twin Lakes

	Average Sulfate (mg/L)	Sulfate Range (mg/L)
2010	483	360-661
2011	357	208-561
2012	207	137-275
2013	355	215-650
2014	301	180-419
2015	460	386-590
2016	289	217-347
2017	379	251-589
2018	300	198-489

During the monitoring time period of 2010-2018, natural wild rice presence in the lakes has been limited. In general, wild rice has not been observed or a few individual stalks in Little Sandy Lake. In Sandy Lake, sparse stalks of rice have been observed in a few locations. The report *“Sandy Lake and Little Sandy Lake Monitoring (2010-2017)”* referenced in the Appendix summarizes information from the monitoring program. A summary report including information from 2018 has not been completed to date.

Lists of Wild Rice Waters

A piece of the wild rice water quality standard includes a definition of what is a wild rice water. A list of wild rice waters is critical to understand where a numeric water quality standard would apply and be implemented by the state of Minnesota. This list is necessary for treaty areas, but it does not include waters within tribal boundaries. Waters within tribal boundaries are up to the individual Tribes to manage and regulate.

In addition to scientifically determining what is the numeric wild rice water quality standard, it is critical to understand where it would apply. The MPCA was directed by the legislature to answer an important question: what is a wild rice water? From a tribal view, all waters are connected and have importance. Colonization of Minnesota has changed the hydrology of the area with dams and culverts and what once were “rice waters” have changed and new areas now hold wild rice. With the continued exacerbation of climate change it is difficult to predict what waters will continue to hold rice, or what water will need to hold rice for culture and customs to continue. With that in mind, if a lake or river supports, has supported or could support any wild rice, it is a wild rice water. We do not see any other way to define it.

White Earth continues to express concern regarding how outside agencies define a wild rice water. White Earth contends all surface waters are wild rice waters and therefore no limit(s) should be applied to what constitutes or defines them. Many surface waters were harmed prior to the protections of the Clean Water Act. Numerous historical rice beds have been lost or displaced and these waters also need protection. Due to these reasons, White Earth feels the state's wild rice producing water inventory is incomplete and needs further updating.

Because Minnesota's wild rice waters have not been systematically inventoried, monitored, assessed or protected through regulatory controls for sulfate under the existing standards, many more once-harvestable stands have been degraded or destroyed since the effective date of the Clean Water Act. It is our understanding that the MPCA has utilized a two-acre threshold to initially identify waters where the wild rice sulfate standard would apply. We do not agree with the basis or justification for this criterion to define a wild rice water.

Any wild rice is important and worth protecting. Furthermore, wild rice acreage information is not available for most waters in the state. Monitoring data for waters across the state does not exist for that type of detailed information on wild rice presence. Wild rice is a variable resource throughout the years, and it takes multiple years (and even historic consideration) to understand the potential density and acreage of wild rice in each water. Data collected over an extended period of time may be needed to determine if a water meets the proposed acreage. The MPCA utilized judgement to include or exclude waters, but the acreage criterion they proposed is based on information that largely does not exist, because the state has never invested the resources necessary to establish a baseline inventory of wild rice waters.

The MPCA also proposed to apply an existing narrative standard (Minn. R. 7050.0224), protective of wild rice and the habitat and environmental quality needed to maintain it, *only* to the arbitrary list of 24 wild rice water identified in Minnesota Rules (Minn. R. 7050.0470) through rulemaking in 1997-98 for waters in the Lake Superior Basin. Tribes had urged the agency to apply that aquatic life use-protective narrative standard to all wild rice waters in the state, but the agency did not do so despite the administrative record that clearly includes commitments by the state to move beyond that initial step.

In the Statement of Need and Reasonableness (SONAR) from 1997, the agency said:

Finally, the proposed amendments specifically listing the wild rice waters in Minn. R. 7050.0470 and the inclusion of the wild rice narrative language in Minn. R. 7050.0224 are needed because: 1) they are viewed as initial steps in a broader process intended to provide greater public awareness as to the ecological importance of this unique plant species; 2) they provide further support for the study of the physical, chemical and biological factors that are needed to support wild rice development; and 3) the proposed wild rice amendments represent an affirmation of the MPCA's commitment to work in concert with the American Indian Bands on environmental issues of mutual concern.

... The proposed listing of the 24 wild rice waters in Chapter 7050 is specific to a select number of waterbodies within the Lake Superior Basin that have current and/or historic stands of wild rice. No additional numerical standards for wild rice protection purposes are being proposed during the present rulemaking effort. It is the current intent of the MPCA to participate in ongoing studies and assessments of the wild rice plant and wild rice habitat protection issues. MPCA staff also plan to continue to work with the MNDNR and the various Bands to identify additional wild rice waters on a statewide basis.

... The listing of these waters and the proposed narrative wild rice waters standard in Minn. R. 7050, in and of themselves, will not automatically translate into greater protection levels that are afforded to this plant species. Rather, increased protection of natural wild rice stands will happen as a result of a continued dialogue and information exchange between interested and affected parties.

The MPCA has not honored or fulfilled the specific commitments they made with the Tribes in that rulemaking process twenty years ago, to address the overall decline in the number and distribution of wild rice waters in the state, and to continue research and develop best management practices and standards.

A report entitled “*Natural Wild Rice in Minnesota*” was completed in February 2008 by the Minnesota Department of Natural Resources (MNDNR). As part of this report directed by the state legislature, the MNDNR compiled a list of wild rice waters. Although no statewide inventory of wild rice waters can likely be perfect, this MNDNR led effort was well done and completed with input from many partners including tribes and tribal organizations. The MNDNR continues to refine and update this statewide inventory, with additional waters identified and shared with MPCA in 2013.

The 1854 Treaty Authority has developed and maintains with annual updates a list of wild rice waters in the 1854 Ceded Territory. The MPCA proposed list where the standard would apply largely includes the waters from the 2016 updated list (dated 3/24/2016 – 393 locations), but not for most additions made for the current list (dated 3/28/2018 – 512 locations). The procedure for developing and updating the 1854 Treaty Authority inventory of wild rice waters has not changed over time, and reports are utilized from other partners (such as MNDNR) or field observations are recorded. However, the MPCA did not recognize the latest updates in their proposed rule. Analysis shows that the wild rice sulfate standard would not apply at over 100 wild rice locations in the 1854 Ceded Territory.

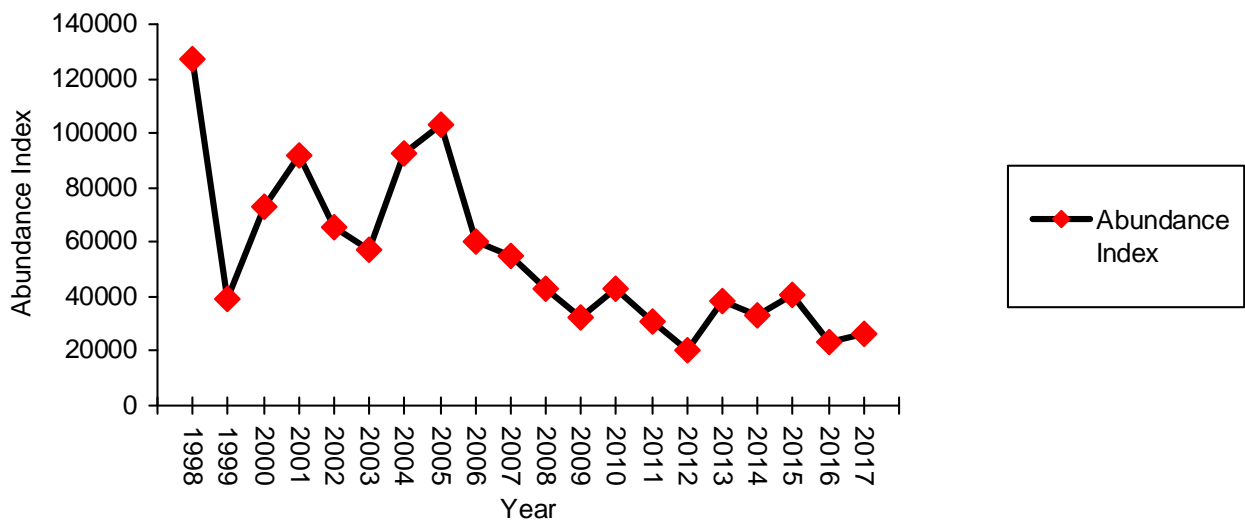
Utilizing available information (2008 MNDNR report, MNDNR updates, 1854 Treaty Authority, other sources) the MPCA compiled a list of wild rice waters in Minnesota. This list included waters with any record or report of wild rice presence. This was a comprehensive exercise, and the best effort to date at compiling wild rice locations across the state. The entire list of wild rice waters developed by the MPCA contains 2,347 locations. This full list is the best statewide inventory that currently exists. However, the MPCA has listed 998 locations as having “insufficient information” where the wild rice water quality standard would not apply. Again, no relevant criteria or long-term monitoring data exists to exclude these waters. The MPCA approach of identifying waters where the wild rice sulfate standard applies is exclusive instead of inclusive, and concern exists over this omission of wild rice waters.

Long-Term Wild Rice Monitoring

In 1998, the 1854 Treaty Authority initiated a wild rice monitoring program on numerous lakes and rivers within the 1854 Ceded Territory in northeastern Minnesota. The 1854 Treaty Authority's monitoring program documents wild rice abundance and identifies trends in production on this group of waters. Monitoring activities have been completed with some variation across years. Seven lakes have been included each year from 1998 to 2018. The monitoring program in 2002-2018 has included the same 10 lakes and rivers.

The focus of the program is to document wild rice biomass each season on a water. This gives a gauge on density, acreage, and plant height each year and ultimately shows changes across time. Protocol has been standardized in the "*Wild Rice Monitoring Handbook*" and "*Wild Rice Monitoring Field Guide*" completed in 2015. In addition to calculating biomass, other activities such as water level monitoring, water sampling, and photography are included in the program. The report "*Wild Rice Monitoring and Abundance in the 1854 Ceded Territory (1998-2017)*" referenced in the Appendix summarizes information from the monitoring program. A summary report including information from 2018 has not been completed to date.

One point to note is the potential long-term decline in wild rice. The summary graph below shows the abundance index (combination of wild rice acreage and density) from 1998-2017 on waters in the 1854 Treaty Authority program. Although it is difficult to determine an exact cause (perhaps climate change and related impacts), this highlights the need to protect a resource that is potentially declining. This decline in "natural" waters is on top of the likely immense amount of wild rice lost statewide due to development, water level changes, water quality issues, etc. since Minnesota statehood.



Total Abundance Index on all Waters in 1854 Treaty Authority Monitoring Program (1998-2017)

This type of monitoring also demonstrates the long-term data needed to begin to understand wild rice presence on a water. This information, along with other sources (oral histories, photographs, etc.) could inform lists of wild rice waters. However, given that long-term monitoring data does not exist on many waters across the state, it is impossible for the MPCA to make a determination to omit wild rice waters where the sulfate standard would apply.

Potentially Affected Dischargers

National Pollution Discharge Elimination System (“NPDES”) permits are required to include limitations consistent with effluent limitation guidelines for discharges that are causing or contributing to a violation of water quality standards. These limits are not water quality standards themselves, but are calculated so that the permitted discharge effluent will meet water quality standards in the receiving water, and if applicable, must conform to any Total Maximum Daily Load requirement that sets pollutant limits in order to meet water quality standards. 40 C.F.R. § 122.44. Unless end-of-the-pipe discharge concentrations cause or contribute to an exceedance of water quality standards in the *receiving or downstream* water bodies, permit limitations and additional treatment are not required.

In development of the proposed revised wild rice sulfate standard, the MPCA conducted a preliminary analysis on which facilities the new standard might apply. These potentially affected dischargers could adversely impact wild rice waters and if so, would need to comply with the standard. Further analysis of potentially affected dischargers in this section indicates that the wild rice standard would not generally be applied to domestic wastewater treatment plants. Industrial operations upstream of wild rice waters that discharge a much larger effluent volume with higher sulfate concentrations than most domestic discharges would need to add treatment technology to comply with the wild rice sulfate standard.

Water Body Sulfate Concentrations

Water column sulfate concentrations were analyzed to determine which water bodies or water body segments were exceeding the existing 10 milligrams per liter (mg/L) water quality standard. Results from this analysis were then used to identify dischargers to those waters.

Methods

Water column sulfate data was compiled from State and Tribal Agencies. Each dataset was sorted by unique locations. Data from each location was evaluated to determine the average and range of sulfate concentrations. An individual map was then generated for each dataset using the sulfate average or single measurement concentration for every location. The locations of large industrial dischargers were identified on the St. Louis and Itasca County map and the Mississippi River map.

GIS Methods

The maps were created using ESRI's ArcGIS 10.3 software. The power plant locational data was obtained from www.eia.gov, the Reservation boundaries from www.data.gov, and the watershed data from www.usgs.gov. All of the other base data layers came from <https://gisdata.mn.gov>. The monitoring data and associated locations were brought into ArcMap via Excel spreadsheets and converted to shapefiles. Differently colored and sized symbols were used to display the points based on their average sulfate concentration, with the break values of 5, 10, 30, 50, 100 and 200 mg/L.

As shown on the maps provided below, all of the waters exceeding the existing 10 mg/L sulfate wild rice water quality standard are downstream of mining operations and/or electrical generation power plants in St Louis and Itasca Counties and the Mississippi River.

An additional map was added to the analysis: “Mean Sulfate Concentrations Downstream of Mine Point Discharges”, created by Scott Cardiff (working with the Great Lakes Indian Fish and Wildlife Commission), for the PolyMet Supplemental Draft Environmental Impact Statement, Appendix C, Tribal Cooperating Agencies Cumulative Effects Analysis, 2013.

Eight data sets were used for this analysis. A summary of the agencies that provided data, when the data was collected, the number of locations where measurements were taken, and the number of individual sulfate measurements are listed in the table below.

Table 1. Summary of Datasets Used to Analyze Average Water Body Sulfate Concentrations				
Agency	Area of Data Collection	Number of Sulfate Measurements	Number of Discrete Locations	Years of Collection
Minnesota Pollution Control Agency	St. Louis and Itasca Counties	7,198	906	1974-2016
1854 Treaty Authority	1854 Ceded Territories	309	43	2007 - 2017
Fond du Lac Band of Lake Superior Chippewa	Fond du Lac Reservation	741	39	1998 - 2017
Leech Lake Band of Ojibwe	Leech Lake Reservation	644	80	2012 - 2018
Mille Lacs Band of Ojibwe	Mille Lacs Reservation	55	12	2010 - 2017
Grand Portage Band of Ojibwe	Grand Portage Reservation	1,547	32	2000 - 2018
Minnesota Pollution Control Agency	Mississippi River in Minnesota	1,808	87	1973 - 2017
Prairie Island Indian Community	Lower Mississippi River and backwater pools	325	8	2014 - 2017

Approximately seventy-five percent of the of the MPCA data sites in St. Louis and Itasca Counties were below the 10 milligram per liter (10 mg/L) sulfate water quality standard.

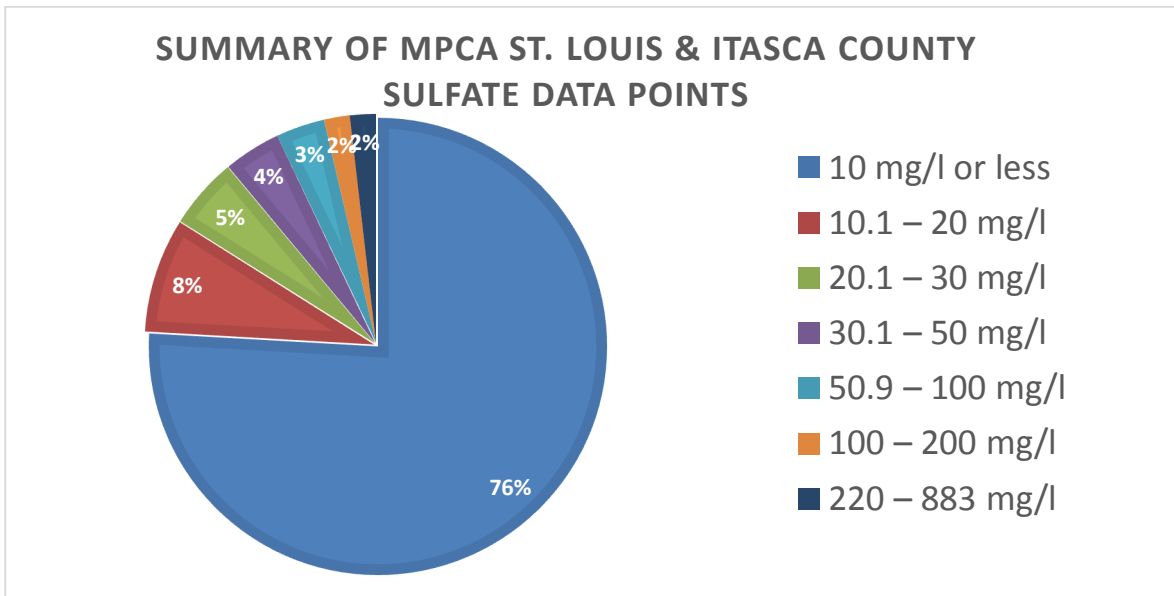


Figure 1. St. Louis and Itasca Counties Average Water Column Sulfate Concentrations

An analysis of sulfate concentrations below 10 mg/L from water column data collected in St. Louis and Itasca Counties demonstrates more than half of the data sites had concentrations of 2.5 mg/L or less.

Below Detection	5 %
2.5 mg/L	48 %
2.6 - 5 mg/L	32 %
5.1 - 10 mg/L	15 %

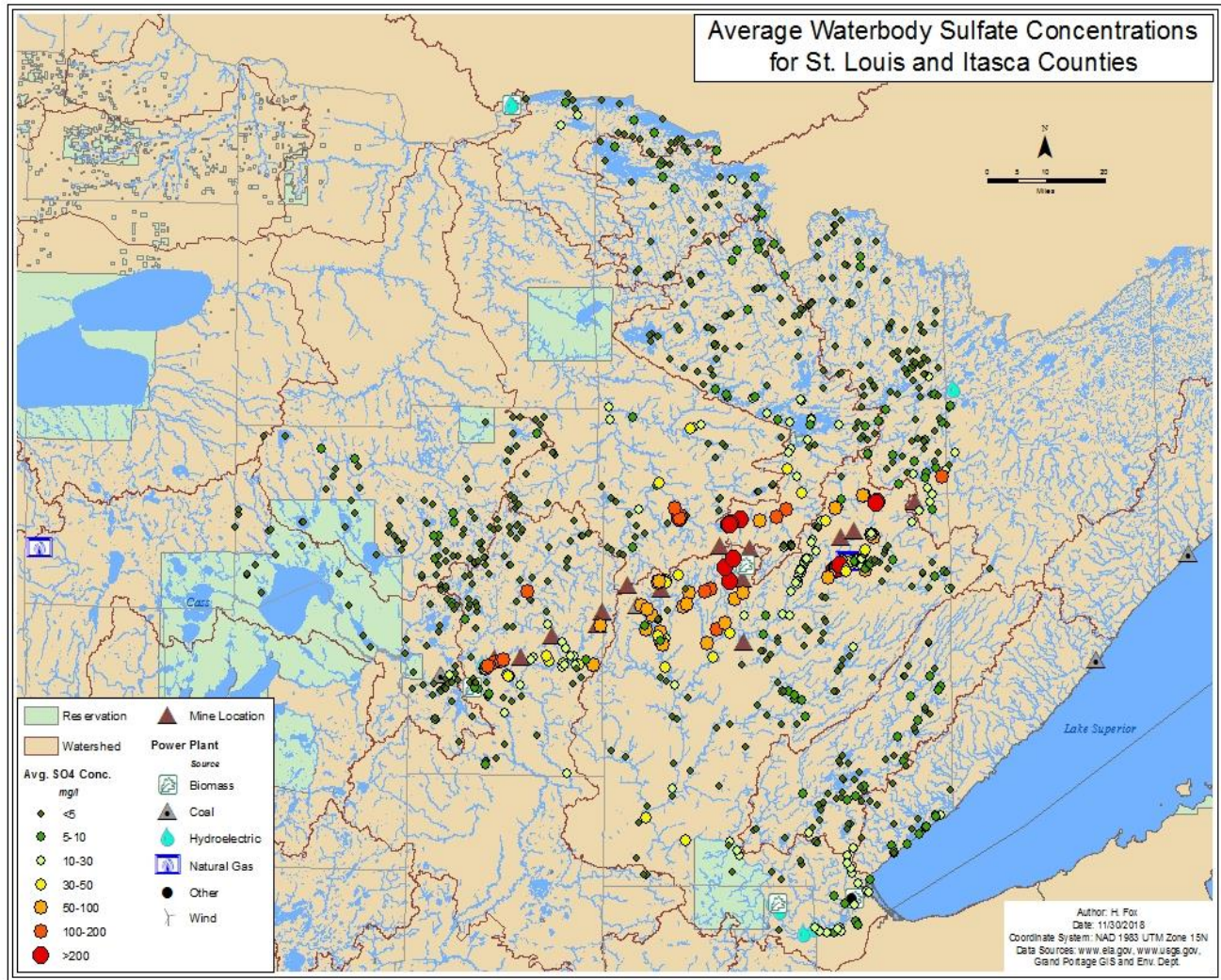


Figure 2. St. Louis and Itasca Counties Average Sulfate Water Column Concentrations

Water column sulfate concentrations are elevated in waters measured downstream of taconite mining operations and natural gas electrical generation facilities. In waters without mining and electrical facility discharges, sulfate concentrations are below 5 mg/L.

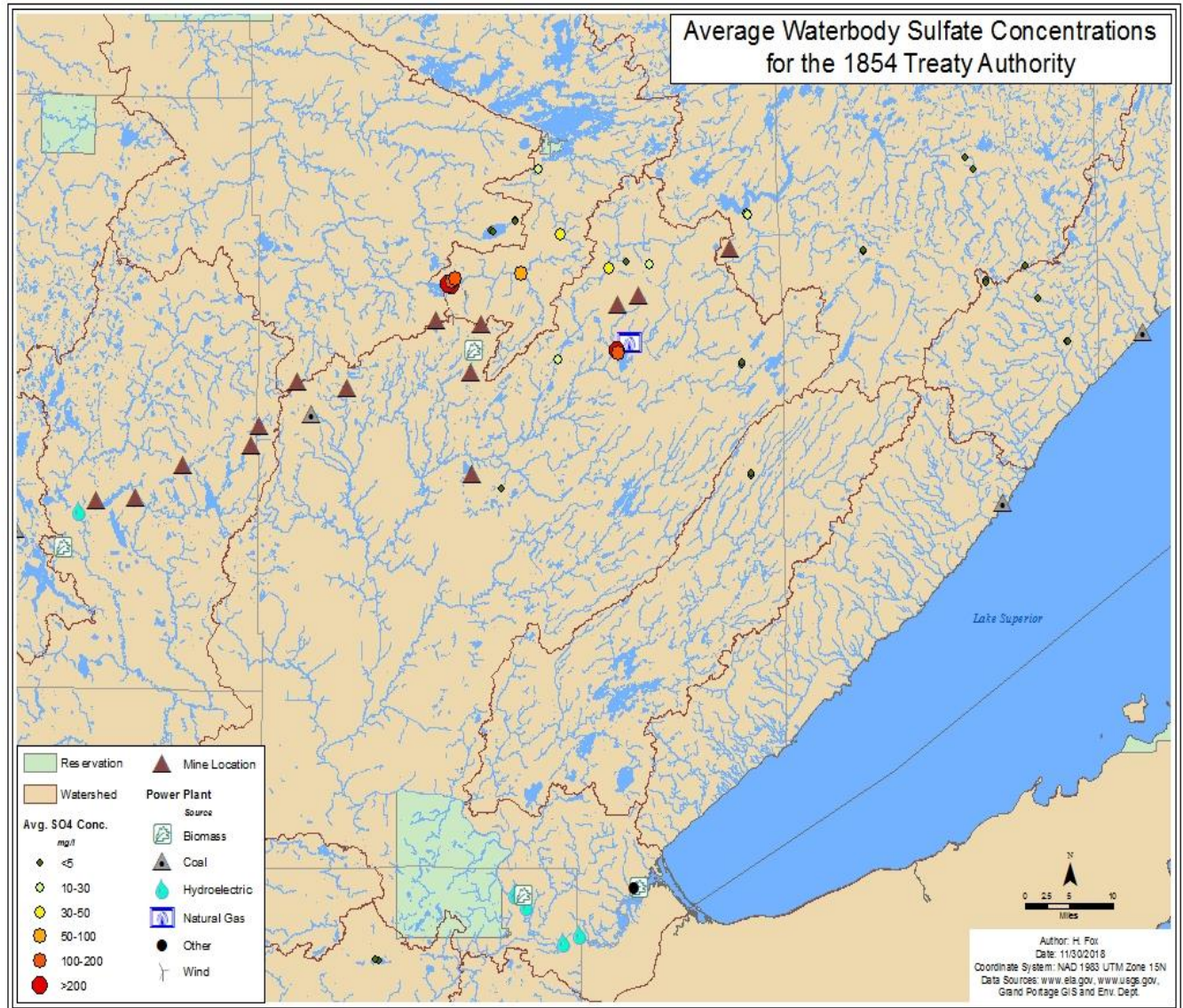


Figure 3. Average Water Column Sulfate Concentrations Measured in the 1854 Ceded Territory by the 1854 Treaty Authority.

Sulfate concentrations downstream of mine point discharges (1990-2013)

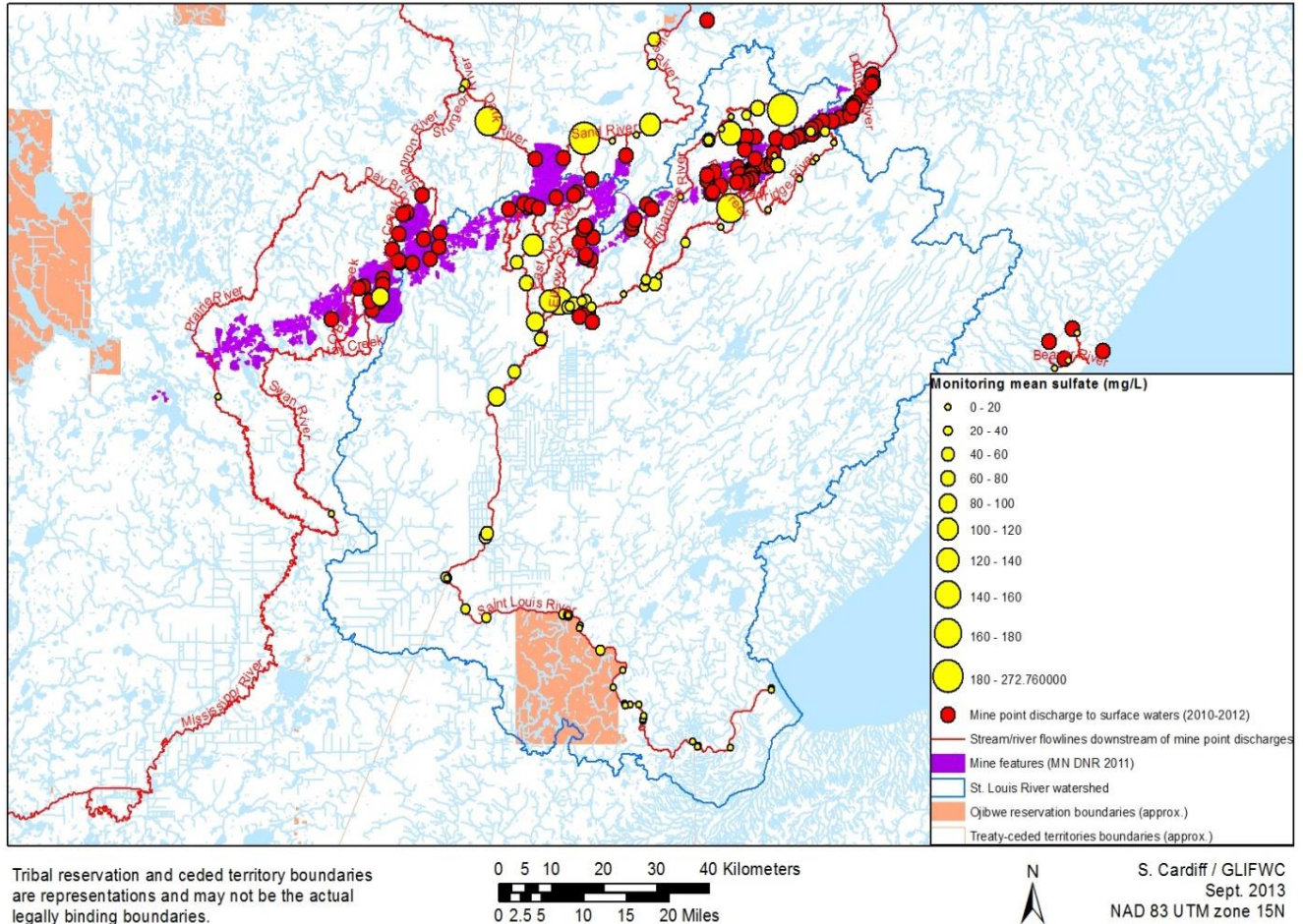


Figure 4. Mean Water Column Sulfate Concentrations Measured Downstream of Taconite Mining Facilities in Northern Minnesota.

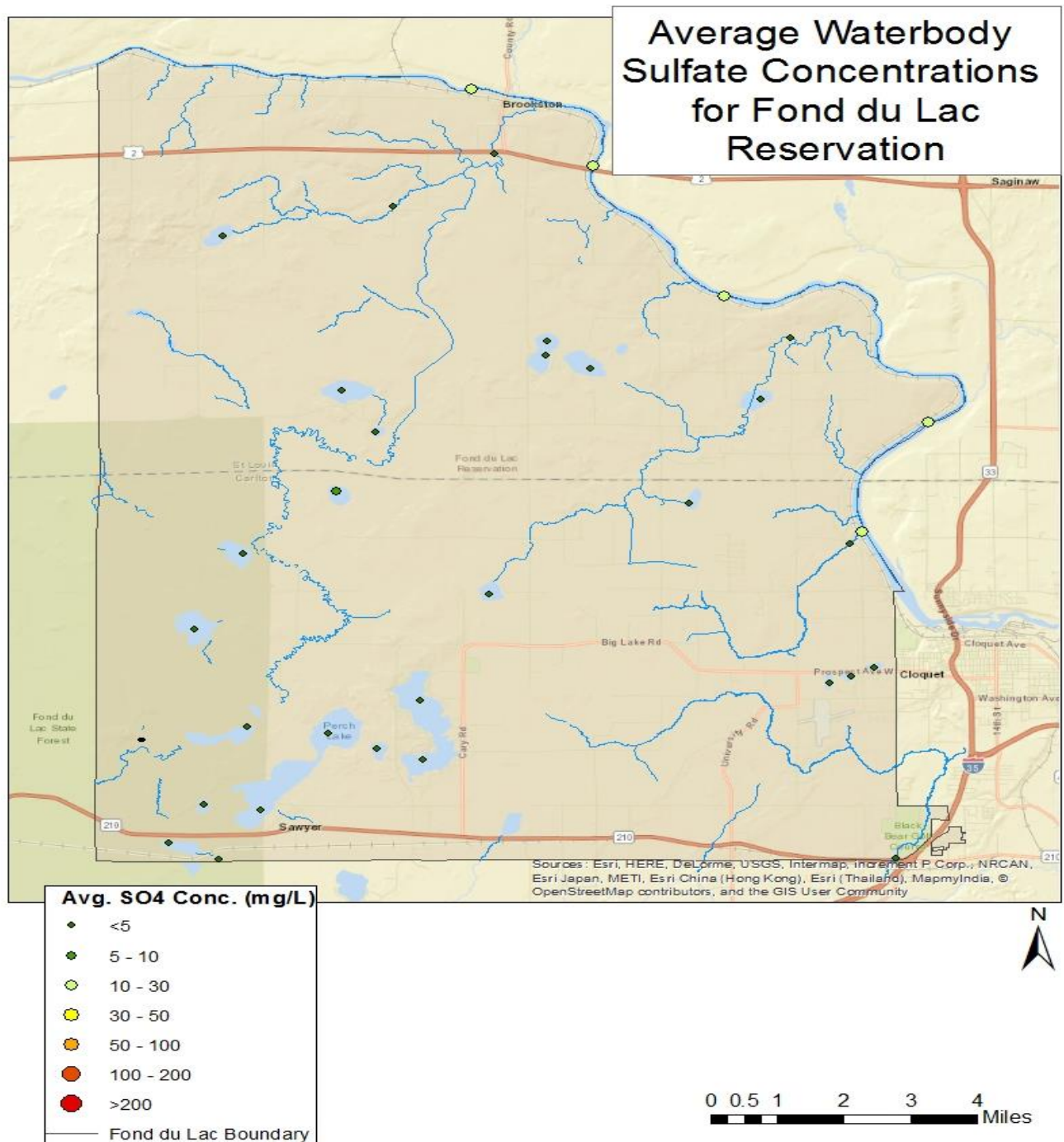


Figure 5. Fond du Lac Reservation Average Waterbody Sulfate Concentrations.

Average sulfate concentrations in reservation lakes and streams are all below 5 mg/L, with the exception of the St. Louis River. The higher sulfate concentrations in the St. Louis River are not naturally occurring; they are a result of high sulfate loadings from upstream facilities. Historic sulfate concentrations in this watershed were consistently below 10 mg/L.

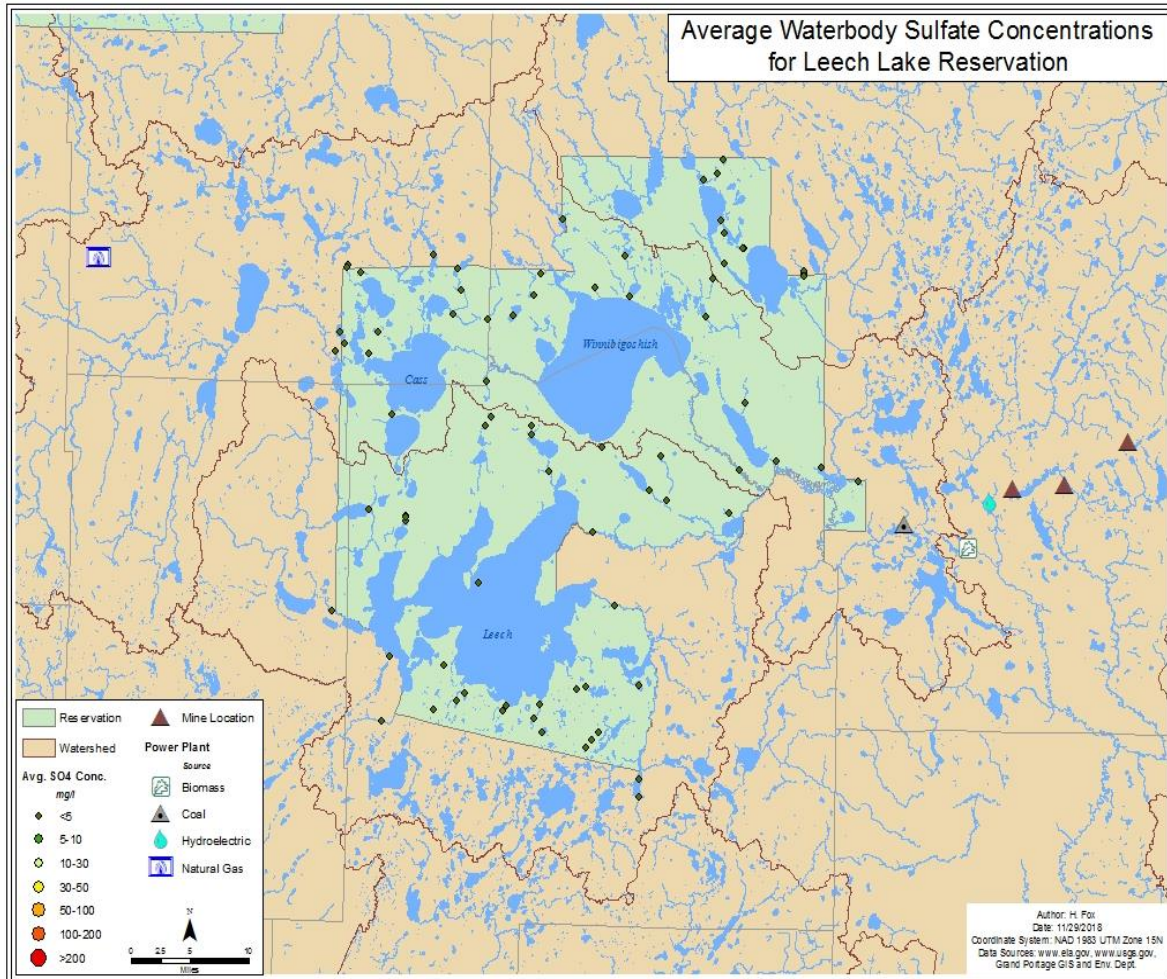


Figure 6. Leech Lake Reservation Average Waterbody Sulfate Concentrations.

All of the average sulfate concentrations measured within Leech Lake Reservation waters are below 5 mg/L.

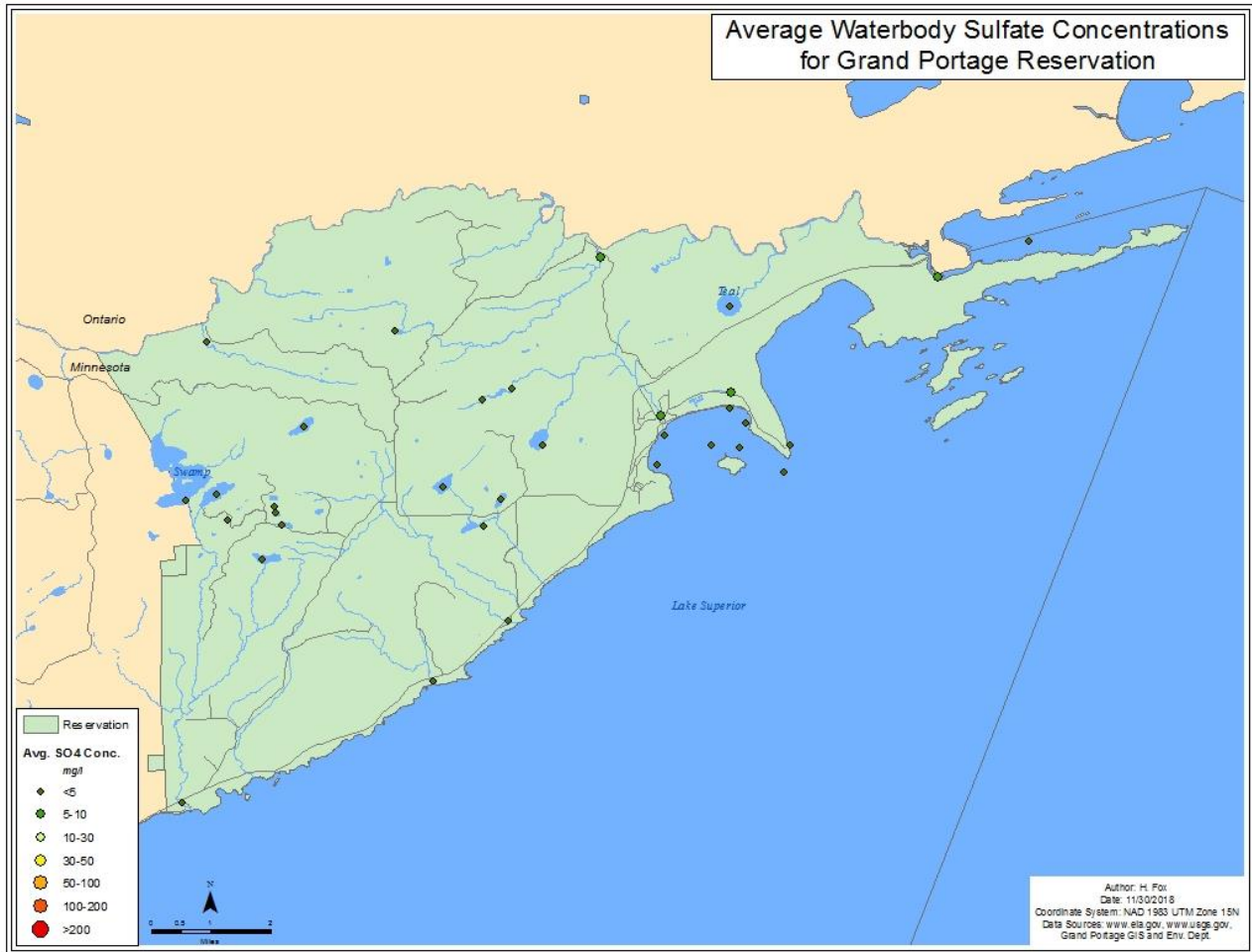


Figure 7. Grand Portage Reservation Average Waterbody Sulfate Concentrations.

The average sulfate concentration in all water bodies within the Grand Portage Reservation are below the federally approved 10 mg/L Grand Portage wild rice sulfate standard. Most waters within the Reservation have an average sulfate concentration below 5 mg/L.

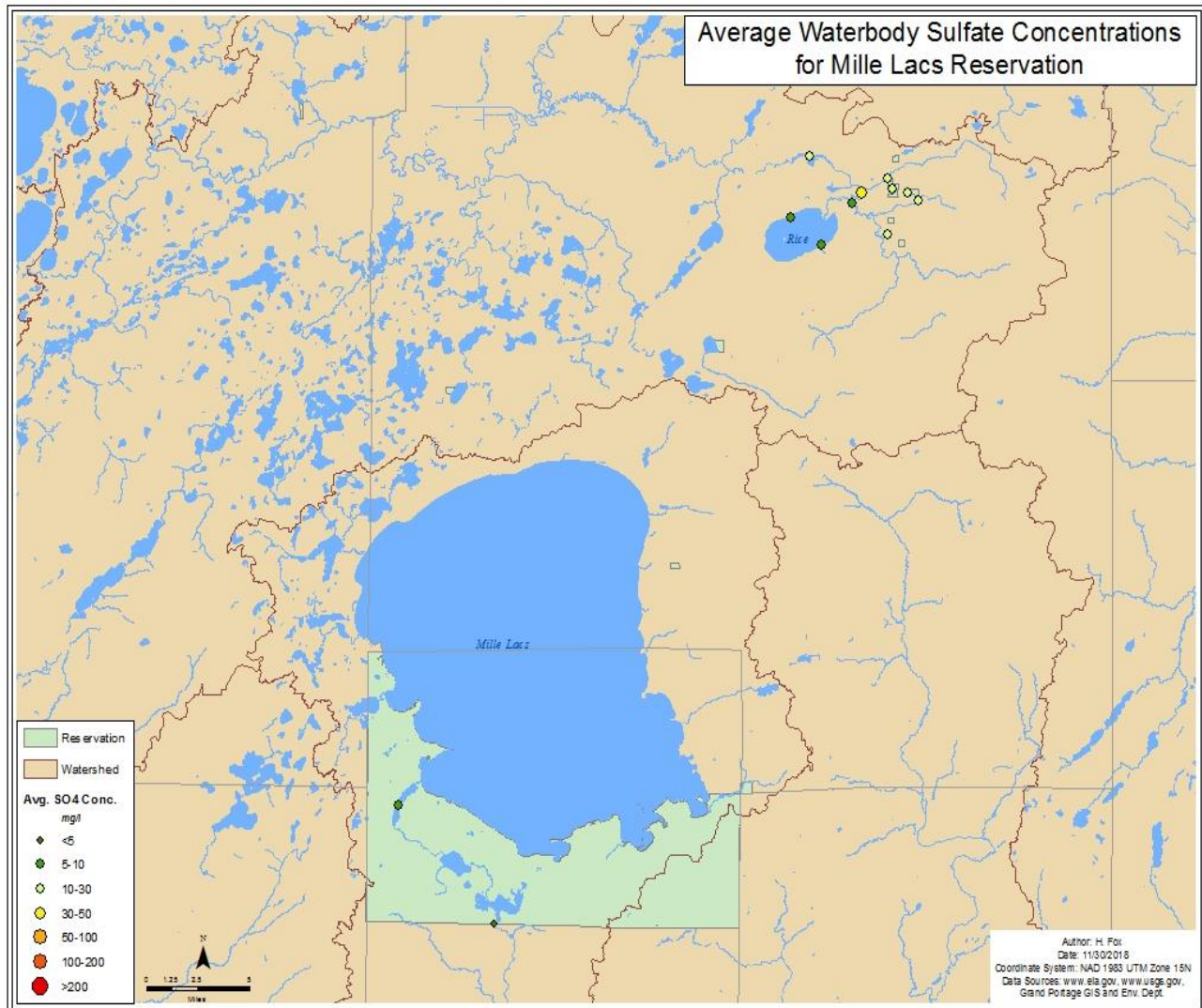
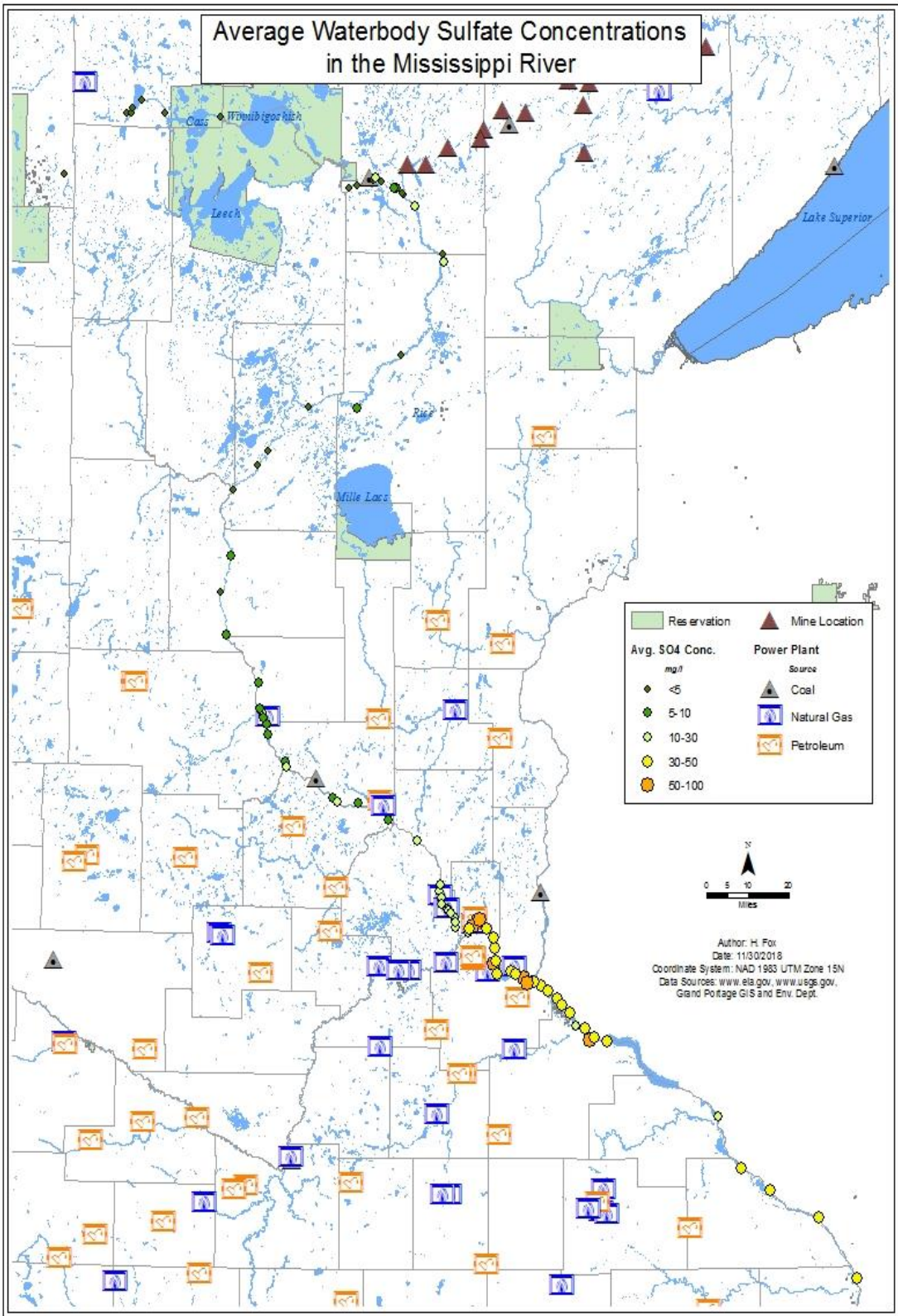


Figure 8. Mille Lacs Reservation Average Waterbody Sulfate Concentrations.

Sulfate concentrations range from less than 5 mg/L to 50 mg/L in waters within Mille Lacs Reservation. Wild rice waters do not exceed the 10 mg/L standard and therefore no treatment would be required for compliance.



Mississippi River sulfate concentrations are below 5 mg/l in the headwaters near the Leech Lake Reservation, and rise to concentrations between 10-30 mg/l as the river passes mine features and a coal-fired electrical generation plant. Sulfate concentrations fall back below 10 mg/l downstream of Grand Rapids. Average sulfate concentrations rise as the river passes inflows from industrial natural gas, coal and petroleum electrical plants between St. Cloud and Otsego to a range between 10-30 mg/l. Near Minneapolis, sulfate increases to concentrations between 30-100 mg/l as the river passes six natural gas and petroleum electrical generation power plants. Downstream of Minneapolis, sulfate concentrations remain between 10-50 mg/l to the southern border of Minnesota.

Figure 9. Mississippi River Average Sulfate Concentrations

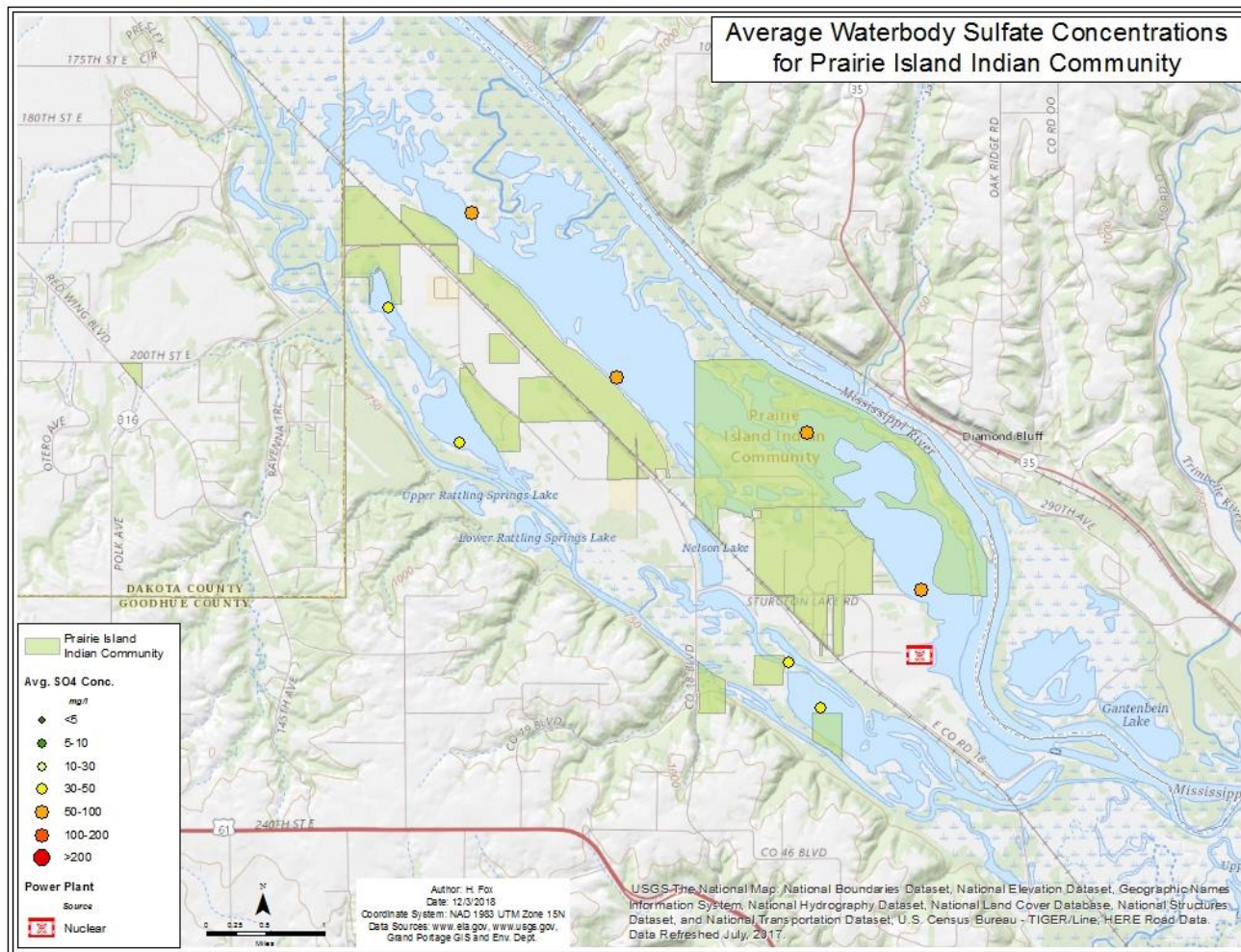


Figure 10. Prairie Island Indian Community Average Waterbody Sulfate Concentrations.

Utilizing multi-year data from reference sites and more disturbed sites seeks to provide a means by which to determine if water quality is different at locations within the lakes as distance from main channels increase. Much of the initial work over the past 10 years has produced data that describes baseline chemical conditions for these ecosystems. Prairie Island started its water quality monitoring program in 2007 which involved monitoring for sulfate annually. In 2014 the program was modified to include bi-weekly sampling for a total of 10 sulfate samples per year at each of the sample sites. This resulted in a more robust data set for sulfate in our backwater areas, providing additional information useful to our wild rice restoration work.

Sturgeon Lake and North Lake are direct backwater lakes of the Mississippi River. Direct flow comes from the Mississippi River into Sturgeon Lake through Brewers Lake inlet, with about 40% of the river flow coming through that inlet during normal water levels, and 60% of the river flow coming into Sturgeon Lake through Brewers Inlet during high water levels. Flow from the Mississippi River also comes directly into North Lake through Jackson Run and Miley Run. This is likely contributing to the higher sulfate levels found on those Mississippi backwaters, since the sulfate levels are comparative to those in the main channel of the river. On the Vermillion River backwaters, sulfate is shown to have higher levels than expected according to the averages of natural occurring sulfate levels in the region. Vermillion River receives surficial groundwater flow from the Mississippi River in a southwesterly direction across the island. This may be contributing to higher sulfate levels in the Vermillion River, in addition to the flashy nature of the river which leads to lower water levels in late summer.

This analysis is used to identify potentially affected dischargers categorized on the MPCA's SONAR list that would likely be affected by enforcement of the wild rice sulfate standard, identify those entities that would not be affected, and identify data gaps.

MPCA's list of "potentially affected dischargers" from the Statement of Need and Reasonableness ("SONAR") was developed solely by calculating which domestic and industrial facilities were within 25 miles of wild rice waters. For this analysis, MPCA provided the NPDES permits for each discharger from the SONAR list along with a spreadsheet that indicates the distance from a facility to wild rice waters, and the wild rice water body names. Some permits were listed two or three times on the MPCA list possibly due to discharges that flow into more than one water body. Therefore, a new spreadsheet tab was created that did not include duplicate permit numbers. Facilities were sorted into three categories based on the distance to wild rice waters: 25 miles; 10 miles; and 5 miles or less.

For each discharger the permitted average wet weather discharge volume was converted to millions of gallons per day and cubic feet per second. When sulfate discharge data was available in an electronic format from MPCA, the average and range of concentrations was calculated.

If sulfate data was available from the water body that an entity discharged to, or if there was an average sulfate concentration for the closest wild rice waterbody, that data was also added to the spreadsheet. A column of permit issuance dates were added to the list of potentially affected dischargers.

Notes were taken from each permit regarding the type of discharge. Dischargers were eliminated from the list if the only pollutant added was heat, or if the permit specified that discharges were for pipeline and tank testing and the discharge was to take place in an upland vegetated area. Some potentially affected dischargers were removed from the list based upon GIS analysis, because water would have to flow uphill from the discharge to reach the specified wild rice water. Dischargers were eliminated from the list if the receiving or downstream water bodies were not exceeding the wild rice sulfate of standard of 10 mg/L.

Results

According to MPCA’s potentially affected discharger list, thirteen of the top sixteen biggest discharges by volume and sulfate concentration are industrial. These sixteen dischargers are within ten miles of wild rice waters. The remaining three facilities that are not industrial include one facility that treats both industrial and domestic wastewater, and two facilities that appear to treat only domestic wastewater. No sulfate data is available for either of the domestic dischargers or the facility that treats both domestic and industrial wastewater. The range of volume of discharge is 7.29 – 161.8 million gallons per day. The range of average sulfate concentrations is 22.7 – 1054 mg/L.

Table 3. Top 16 Dischargers by Volume from MPCA SONAR

Permit Number	Facility Name	Facility Type	Discharge MGD	Discharge CFS	Average Discharge Sulfate Concentration (mg/l)	Distance to Wild Rice (miles)	Draft Wild Rice Water Name
MN0001007	Minnesota Power – Boswell Energy Center	Industrial	161.80	250.34	586	0	Blackwater Lake
MN0000990	Minnesota Power – Laskin Energy Center	Industrial	125.4	194.02	489	6	Partridge River
MN0049760	Hibbing Taconite Co – Tails Basin Area	Industrial	4.41 - 65	6.82 - 100.57	62.6 (Little Fork River) 35 (Mississippi River at Grand Rapids)	2	Shannon Lake
MN0069078	Mesabi Mining Area	Industrial	58.4	90.36	176	1	Partridge River

MN0029882	Met Council – Blue Lake WWTP	Domestic	42	64.98		0	Blue Lake
MN0055948	Keewatin Taconite Operations – Tailings	Industrial	32.4	50.13	177	10	Hay Lake
MN0042536	Cliffs Erie – Hoyt Lakes Mining Area	Industrial	27.45	42.47	269	4	Second Creek
MN0044946	United Taconite LLC - Thunderbird Mine	Industrial	27.37	42.35			St. Louis River
MN0046981	Northshore Mining Co – Peter Mitchell	Industrial	24.11	37.3	112.3 (Rainy River) 22.7 (St. Louis River)	3	Dunka River
MN0057207	US Steel Corp – Minntac Tailings Basin Area	Industrial	17.11	26.47	1054	2	Little Sandy Lake
MN0022080	Grand Rapids WWTP	87% Industrial 13% Domestic	15.2	23.52		1	Mississippi River - Grand Rapids
MN0031879	US Steel Corp – Keetac	Industrial	10.17	15.74	64.8	9	Leighton Lake
MN0030147	Winona WWTP	Domestic	9.6	17.84		6	Blue lake
MN0001465	Hibbing Taconite Co	Industrial	1.44 - 7.92	2.28 - 12.25		8	St. Louis River Mississippi River- Brainerd
MN0059633	ArcelorMittal Minorca Mine Inc - Laurentian	Industrial	7.9	12.22	62.8 (Vermillion River), 274 (St. Louis River)	0	St. Louis River
MN0067687	Mesabi Nugget Delaware LLC	Industrial	7.29	11.28	437	7	Partridge River

Twelve major industrial dischargers identified through mapping sulfate concentrations in the Mississippi River between St. Cloud and Otsego and south of Minneapolis were not specified on the MPCA list of potentially affected dischargers. The table above that indicates the largest dischargers by volume and sulfate concentration are electrical utilities. Therefore, it is likely that some, if not all of these dischargers are major contributors to the excursions from the wild rice sulfate water quality standard and are potentially adversely impacting downstream wild rice waters.

Table 4. Major Industrial Dischargers on the Mississippi River between St. Cloud and Otsego Not Included in SONAR List of Potentially Affected Dischargers

Plant Name	Electric Utility Name	City	County	Primary Source	Source Description	Technical Description
Granite City	Northern States Power Co - Minnesota	St. Cloud	Benton	natural gas	Natural Gas = 52 MW	Natural Gas Fired Combustion Turbine
Elk River City of	City of Elk River	Elk River	Sherburne	petroleum	Biomass = 3.2 MW, Petroleum = 9 MW	Landfill Gas; Petroleum Liquids
Elk River	Great River Energy	Elk River	Sherburne	natural gas	Biomass = 34.8 MW, Natural Gas = 190.5 MW	Municipal Solid Waste; Natural Gas Fired Combustion Turbine
Sherburne County	Northern States Power Co - Minnesota	Becker	Sherburne	coal	Coal = 2238 MW	Conventional Steam Coal

Table 5. Major Industrial Dischargers South of Minneapolis on the Mississippi River Not Included in SONAR List of Potentially Affected Dischargers.

Utility Name	Sector Name	City	County	Primary Source	Source Description	Technical Description
Northern States Power Co - Minnesota	Electric Utility	St. Paul	Ramsey	natural gas	Natural Gas = 530 MW	Natural Gas Fired Combined Cycle
Northern States Power Co - Minnesota	Electric Utility	Inver Grove Heights	Dakota	natural gas	Natural Gas = 282 MW, Petroleum = 3.6 MW	Natural Gas Fired Combustion Turbine; Petroleum Liquids;
Northern States Power Co - Minnesota	Electric Utility	Minneapolis	Hennepin	natural gas	Natural Gas = 454 MW	Natural Gas Fired Combined Cycle
Northern States Power Co - Minnesota	Commercial Non-CHP*	St. Paul	Ramsey	petroleum	Petroleum = 4.8 MW	Petroleum Liquids
Cottage Grove Operating Services LLC	IPP CHP*	Cottage Grove	Washington	natural gas	Natural Gas = 251 MW	Natural Gas Fired Combined Cycle
Ziegler Power Systems	Commercial Non-CHP*	St. Paul	Ramsey	petroleum	Petroleum = 1.9 MW	Petroleum Liquids
Veolia Energy	Commercial CHP*	Minneapolis	Hennepin	natural gas	Natural Gas = 0.1 MW	Natural Gas Steam Turbine
Veolia Energy	IPP* CHP**	Minneapolis	Hennepin	natural gas	Natural Gas = 17 MW	Natural Gas Fired Combustion Turbine

*An independent **power** producer (**IPP**) or non-utility generator (**NUG**) is an entity, which is not a public utility, but which owns facilities to generate electric **power** for sale to utilities and end users.

Combined Heat and Power (CHP**) Combined heat and power (**CHP**) **systems**, also known as cogeneration, generate electricity and useful thermal energy in a single, integrated **system**. **CHP** is not a technology, but an approach to applying technologies.

Community wastewater treatment plants, or domestic dischargers, generally account for the smallest discharges by volume and sulfate concentrations. In fact, on average the volume of discharge water is six times less than industrial discharges and the concentration of sulfate from community waste water discharges are twenty times less concentrated than industrial discharges. The range of the volume of domestic discharges is 0.008 – 42 million gallons per day with an average discharge volume of 2.26 million gallons per day. The average sulfate concentration of domestic discharges is 15.87 mg/L, with a range of 6.97 – 29.6 mg/L. Where data is available, it appears that domestic dischargers would not be required to provide sulfate treatment unless they discharge to waters already exceeding the wild rice sulfate standard due to industrial discharges.

Table 6. SONAR Listed Domestic Dischargers With Sulfate Water Body Data Indicating Non-Compliance

Permit Number	Facility Name	Facility Type	Discharge MGD	Discharge CFS	Discharge waters	Distance to Wild Rice (miles)	Draft Wild Rice Name	Average Water Body Sulfate Concentration mg/l
MN0051381	Belgrade WWTP	Domestic	0.167	0.26	unnamed creek Middle Fork Crow River	3	Monongalia Lake	16.5 - Middle Fork Crow River @ Lake Monongalia
MN0053279	Biwabik WWTP	Domestic	0.212	0.33	Embarrass Unnamed wetland River	1	Cedar Island Lake	20.6 - Cedar Island Lake
MN0053562	Brownsville WWTP	Domestic	0.055	0.09	Mississippi River	1	Pool 8 at Reno Bottoms	18.1 - Pool 8 @ Reno
MN0022012	Keewatin WWTP	Domestic	0.18	0.28	Welcome Creek	11	Hay Lake	32.9 - Hay Lake
MNG580027	Kellogg WWTP	Domestic	0.06	0.09	Zumbro River	3	Mississippi Pool 5/Spring	32.5 - Mississippi Pool 5/spring
MN0020664	Lake City WWTP	Domestic	1.52	2.35	Lake Pepin	10	Mississippi Pool 4 Robinson Lake	29.6 - Pool 4 Robinson Lake
MN0029904	Met Council – Eagles Point WWTP	Domestic	10	15.47	Mississippi River	19	Sturgeon Lake	58.2 - Sturgeon Lake
MN0045845	Met Council – Empire WWTP	Domestic	28.61	44.27	Mississippi River	25	Sturgeon Lake	58.2 - Sturgeon Lake
MN0029955	Met Council – Hastings WWTP	Domestic	2.69	4.16	Mississippi River	14	Sturgeon Lake	58.2 - Sturgeon Lake
MNG580184	Nashwauk WWTP	Domestic	0.353	0.55	Hanna Reservoir #2	8	Hay Lake	28.4 - Hay Lake
MNG580215	Serpent Lake WWTP	Domestic	0.672	1.04	Rabbit Creek	6	Mississippi River	19 - Mahnomen Lake
MN0025143	Wabasha WWTP	Domestic	0.604	0.94	Mississippi Pool 4 Robinson Lake	0	Mississippi Pool 4 Robinson Lake	29.6 - Pool 4 Robinson Lake
MN0030147	Winona WWTP	Domestic	9.6	17.84	Mississippi River	6	Blue lake	36 above Winona 34 below Winona in Mississippi River

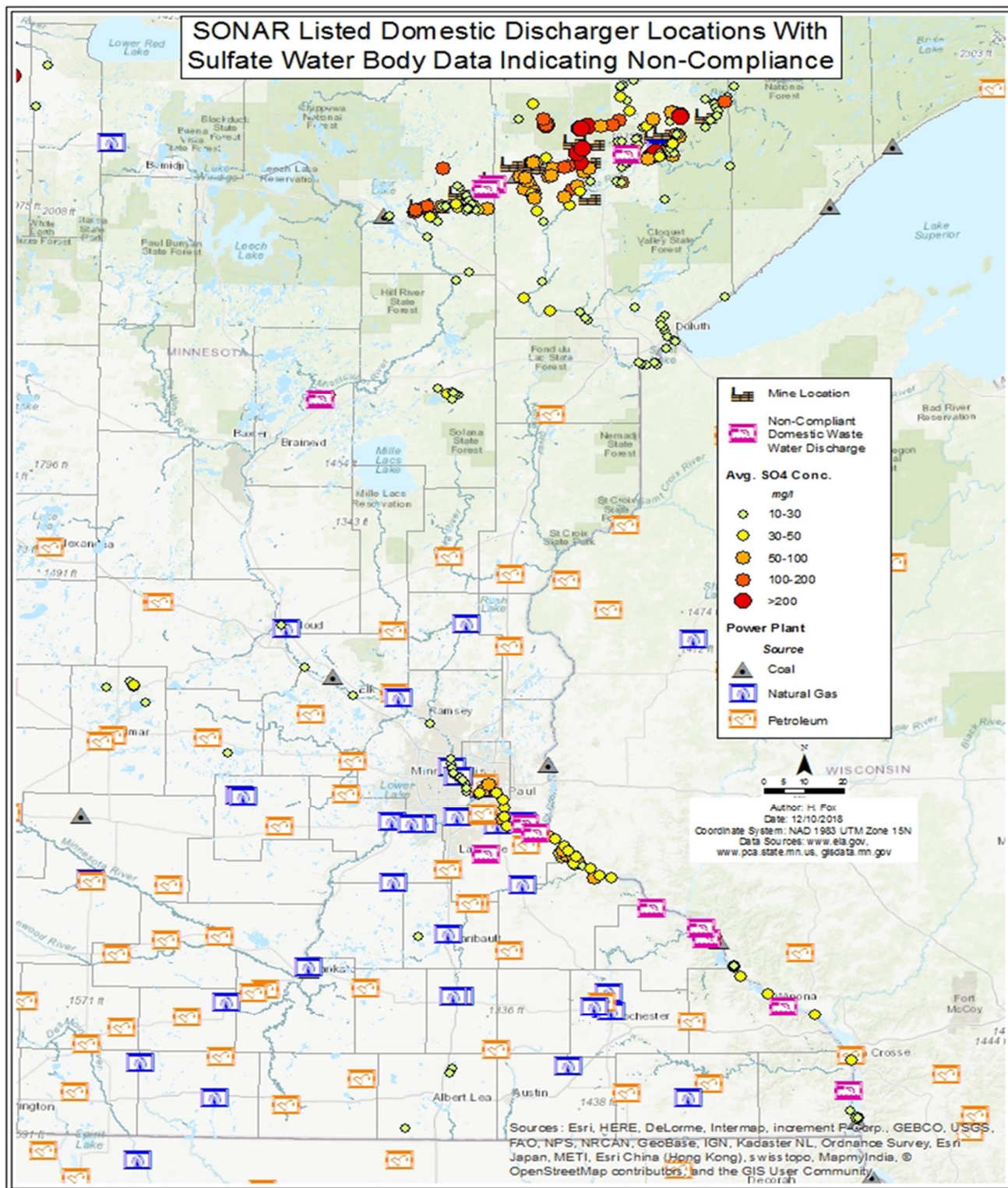


Figure 11. Sulfate Waterbody Data Indicating Non-compliance for SONAR Listed Domestic Dischargers

Table 7. SONAR Listed Domestic Dischargers With Sulfate Water Body Data Indicating Compliance

Permit Number	Facility Name	Facility Type	Discharge MGD	Discharge CFS	Discharge waters	Distance to Wild Rice (miles)	Draft Wild Rice Name	Average Water Body Sulfate Concentration mg/l
MN0020656	Babbitt WWTP	Domestic	0.5	0.77	Hay Lake	0	Hay Lake	6 - Hay Lake
MN0022691	Bagley WWTP	Domestic	0.26	0.41	unnamed wetland Walker Brook Clearwater River	16	Clearwater River	1.5 - Clearwater River
MN0022462	Bemidji WWTP	Domestic	2.5	3.87	Mississippi River	19	Andrusia Lake	2.6 - Ose Lake (3 mi. upstream of Andrusia Lake)
MN0023019	Carlos WWTP	Domestic	0.064	0.10	unnamed wetland	8	Long Prairie River	7.71 - Long Prairie Rv
MN0066371	Crane Lake WWTP	Domestic	0.053	0.08	Crane Lake	0	Crane Lake	6.1 avg - Crane Lake
MNG580181	Deer River WWTP	Domestic	0.17	0.26	unnamed wetlands	5	White Oak Lake	0.93 - White Oak Lake
MN0020508	Ely WWTP	Domestic	1.5	2.32	Shagawa Lake	5	Fall Lake	4.5 - Shagawa Lake
MN0022080	Grand Rapids WWTP	Domestic	15.2	23.52	Mississippi River	1	Mississippi River - Grand Rapids	Avg. 6 - Mississippi River @ Grand Rapids
MN0023566	Grey Eagle WWTP	Domestic	0.09	0.14	Trace Lake	4	Little Birch Lake	Avg. 5.3 - Little Birch Lake
MN0020869	Jordan WWTP	Domestic	1.29	1.99	Sand Creek	22	Blue Lake	6.9 - Fisher Lake (Blue Lake flows into Fischer Lake) 20+ miles downstream from Jordan
MNG580027	Kellogg WWTP	Domestic	0.06	0.09	Zumbro River	3	Mississippi Pool 5/Spring	Avg. 32.5 - Pool 5/spring
MN0024023	McGregor WWTP	Domestic	0.073	0.11	County ditch #42 Rice Lake Sandy River Steamboat Lake	2	Steamboat Lake	Avg 0.7 - Sandy River Lake (~5 mi N of Steamboat Lake)
MN0064777	Met Council – Blue Lake GW Relief System	Domestic	5.44	8.42	Blue Lake	0	Blue Lake	6.9 - Fisher Lake (Blue Lake flows into Fischer Lake)
MN0029882	Met Council – Blue Lake WWTP	Domestic	42	64.98	Minnesota River	0	Blue Lake	6.9 - Fisher Lake (Blue Lake flows into Fischer Lake)
MN0024155	Miltona WWTP	Domestic	0.008	0.12	unnamed wetland	8	Long Prairie River	7.71 Long Prairie River
MN0024422	Orr WWTP	Domestic	0.099	0.15	unnamed ditch Pelican River Pelican Lake	0	Vermilion River	5.68 - Vermillion River
MNG580187	Winton WWTP	Domestic	0.024	0.37	Shagawa River	2	Fall Lake	3.7 – Shagawa River 1.3 mi SW Winton

No sulfate data is available from MPCA for many of the domestic wastewater dischargers and some of the industrial facilities found on the SONAR list. MPCA was also not able to provide sulfate data for many of the wild rice waters found on the SONAR list.

Table 8. SONAR Listed Domestic Dischargers Without Sulfate Water Body Data Available

Permit Number	Facility Name	Discharge MGD	Discharge CFS	Discharge waters	Distance to Wild Rice (miles)	Draft Wild Rice Name
MNG580148	Audubon WWTP	0.14	0.22	unnamed ditch	No data	Buffalo River
MN0046213	Anchor Bay Mobile Home Park	0.01	0.01	unnamed ditch Rainy River	11	Rainy River
MN0029599	Baudette WWTP	0.24	0.45	Unnamed Stream to Rainy River	14	Rainy River
MNT022985	Callaway WWTP	0.042	0.065	unnamed ditch	No data	Buffalo River
MNG580098	Clearbrook WWTP	0.13	0.19	unnamed tributary	9	Clearwater River
MN0051101	Cromwell WWTP	0.052	0.08	Flower Lake via ditch	0	Flower Lake
MN0020192	Detroit Lakes WWTP	1.64	2.54	unnumbered wetland to peat bog St Clair Lake	12	Pelican Lake
MN0059871	East Gull Lake WWTP	0.14	0.22	Gull River	4	Gull River
MN0023451	Foley WWTP	0.16	0.25	unnamed marsh to Stoney Brook	13	Rice Lake
MN0023515	Garfield WWTP	0.05	0.08	County Ditch #23	2	Ida Lake
MN0025691	Grasston WWTP	0.04	0.06	Snake River	11	Snake River Bay
MN0023701	Hinckley WWTP	0.68	1.06	Grindstone River	4	Kettle River
MN0021458	Hokah WWTP	0.10	0.19	Root River	6	Miss. River Backwater
MN0023736	Houston WWTP	0.25	0.39	Root River	19	Miss. River Backwater
MNG580208	Longville WWTP	0.06	0.09	Unnamed wetland	3	Rice Lake
MNG580032	Menahga WWTP	0.11	0.17	Unnamed stream	7	Yaeger Lake
MN0020699	Moose Lake WWTP	0.50	0.77	Unnamed ditch to Moosehorn River	0	Moose Horn River
MN0021156	Mora WWTP	0.8	1.24	Snake River	2	Rice Creek
MN0024244	Motley WWTP	0.43	0.67	Crow Wing River	1	Placid Lake
MNG580209	Pillager WWTP	0.07	0.11	Crow Wing River	6	Crow Wing River
MN0046388	Pine River Area Sanitary District	0.25	0.38	Pine River Upper White Fish Lake	0	Pine River
MNG580211	Rich Prairie Sewer Treatment Facility	0.23	0.35	Skunk Creek	10	Rice Lake
MNG580213	Sandstone WWTP	0.335	0.5183	unnamed creek	7	Kettle River
MN0024988	Staples WWTP	0.68	1.05	unnamed swamp	16	Placid Lake
MN0064564	Tamarack WWTP	0.01	0.01	Unnamed wetland	12	Flowage Lake

Table 9. Rationale for Domestic Dischargers Removed from SONAR List

Permit Number	Facility Name	Facility Type	Discharge MGD	List Removal Rationale
MN0051381	Belgrade WWTP	Domestic	0.17	Discharge is used as spray irrigation on 3 sites: 130 acres, 39 acres, and 30 acres.
MN0020192	Detroit Lakes WWTP	Domestic	1.64	Discharge is used as spray irrigation over a total of 54 acres
MN0057410	Kettle Falls Hotel & Guest Villas	Domestic	0.01	Spray discharge to 0.63 acre wooded area.
MN0022811	Bigfork WWTP	Domestic	0.08	Rice Creek flows into the Bigfork River and therefore water from the Bigfork would have to flow upstream to impact Rice Creek.
MN0020206	Hoyt Lakes WWTP	Domestic	0.68	Water would have to flow uphill to get to the Partridge River from Whitewater Lake.
MN0020869	Jordan WWTP	Domestic	1.29	Water would have to flow uphill to get to Blue Lake from Sand Creek at Jordan.

Twenty-one industrial facilities were removed from the SONAR list for various reasons listed in the table below.

Table 10. Rationale for Industrial Dischargers Removed from SONAR List

Permit Number	Facility Name	Discharge MGD	Discharge waters	Draft Wild Rice Name	NPDES Permit Removal Rationale
MN0001309	Aggregate Industries – Nelson Plant	13	Mooers Lake (backwaters of Mississippi), Baldwin Lake (backwaters of Mississippi)	Sturgeon Lake	Water is pumped to a sedimentation basin where it percolates into the ground or evaporates. No discharge since 2008. Discharge would only be used as an emergency overflow. Process water is from Mississippi and no chemical additives are used. (permit pg. 3)
MNG250004	Alexandria Light & Power	0.012	Lake Winona	Long Prairie River	This discharge consists solely of once through non-contact cooling water to which the only pollutant added to it is heat. (permit pg. 6)
MN0001431	Sappi Cloquet LLC	0.464	St. Louis River	St Louis River	Authorized discharge consists of non-contact cooling water/industrial stormwater/treated Lake Superior water for St. Louis River augmentation. Does not authorize discharge of process water.(permit pg.12)
MNG255070	Tate & Lyle Ingredients Americas LLC	0.928	Unnamed ditch to St. Louis River	St Louis Estuary (2)	The discharge consists solely of once-through non-contact cooling water to which the only pollutants added are heat and chemical additives consistent with a municipal potable water supply. (permit pg. 6)
MNG250102	USG Interiors LLC – Cloquet	0.13	St. Louis River	St Louis River	The discharge consists solely of once-through non-contact cooling water to which the only pollutant is heat. (permit pg. 6)
MN0070564	Jordan Aggregates LLC	no quantity listed	Sand Creek	Blue Lake	Facility crushes, screens, and washes unconsolidated sand and gravel. The wastewater is routed to a recycling basin. No wastewater expected to leave facility. Stormwater will only leave the site after a two year flood event. (permit pg. 3)
MNG490140	St Louis County Highway Dept	no quantity listed	Various gravel pits and stone quarries	St. Louis River	Stormwater discharges from gravel pits, stone quarries, crushed rock, concrete mixing, asphalt production. Permit also authorized non-stormwater discharges that do not discharge to surface water. (permit pg. 5)
MNG490177	St Louis County Land Department	no quantity listed	Various gravel pits and stone quarries	Vermilion River	Stormwater discharges from gravel pits, stone quarries, crushed rock, concrete mixing, asphalt production. Permit also authorizes non-stormwater discharges that do not discharge to surface water. (permit pg. 5)

MNG490069	Ulland Brothers Inc	no quantity listed	Various gravel pits and stone quarries	Cloquet River St. Louis River	Stormwater discharges from gravel pits, stone quarries, crushed rock, concrete mixing, asphalt production. Permit also authorized non-stormwater discharges that do not discharge to surface water. (permit pg. 10-11)
MN0000361	Wisconsin Central Ltd – Proctor Railroad Yard	no quantity listed	Kingsbury Creek	St Louis Estuary (2)	Authorized to discharge stormwater associated with industrial activities. (permit pg. 12)
MNG790128	Becker County Sanitary Landfill – Closed	no quantity listed	Unnamed wetland	Big Floyd Lake	Authorized to discharge VOC contaminated groundwater general permit requiring removal of 95% of VOC contamination or greater. (permit pg. 7)
MN0067024	Farmington City of GW Discharges	9	Vermillion River	Fisher Lake	Authorized for short-term seasonal discharge of contaminated groundwater. (permit pg. 2-3) Fischer Lake average sulfate concentration is below the 10 mg/l criteria.
MNG790199	Former Morris Oil Bulk Plant	no quantity listed	Shagawa Lake	Fall Lake	Authorized to discharge VOC contaminated groundwater general permit requiring removal of 95% of VOC contamination or greater. (permit pg. 8) Shagawa Lake average sulfate concentration is below the 10 mg/l criteria.
MN0041556	Calumet Superior LLC – Duluth Petroleum	no quantity listed	unnamed ditch to Mission Creek tributary	St Louis River Estuary	Authorized to discharge stormwater & water used for hydrotesting fuel storage tanks to secondary containment basins. Containment basins are discharged to a grassy area which <i>could</i> flow overland eventually reaching unnamed ditch. (permit pg. 3)
MN0052540	Great Lakes Gas Transmission LP	no quantity listed	various locations	Grant Creek	Authorized to discharge waters used to hydrotest pipelines and to dewater pipeline trenches within the permittees right-of-way to upland vegetated areas where possible. Occasional discharges to surface waters with BMPs to control sediment, suspended solids, and erosion. (permit pg. 3-4)
MN0056472	Minnesota Pipe Line Co	no quantity listed	various locations	Sturgeon Lake	Authorized to discharge waters used to hydrotest pipelines and crude oil tanks to well vegetated uplands using BMPs to prevent erosion, sediment transport, and bottom scouring. (permit pg. 3-4)
MN0050041	Northern Natural Gas Co	no quantity listed	various locations	St Louis River Estuary	Permit is for pipeline trench dewatering & to <i>request</i> authorization to discharge waters used to test new or existing pipeline structural integrity. (permit pg. 6-7)
MN0060755	Viking Gas Transmission	no quantity listed	various locations	Pelican Lake	Authorized to discharge waters used to hydrotest pipelines and to dewater pipeline trenches within the permittees right-of-way to upland vegetated areas where possible. Occasional discharges to surface waters with BMPs to control sediment, suspended solids, and erosion. (permit pg. 3-4)
MN0067377	Prior Lake Spring Lake Ferric Chloride WTP	no quantity listed	Unnamed Creek to Spring Lake	Blue Lake	This permit authorizes the facility to inject ferric chloride into unnamed creek for the purpose of reducing the phosphorus load reaching Spring Lake. As water passes through the desiltation basin, solid waste by-product (phosphorus flocculent) settles out. The iron flocculent and fine particles are land applied. (permit pg. 3)
MN0068241	Essar Steel Minnesota LLC	5.6	Ann pit Sullivan pit Drapper Annex pit Snowball lake Oxhide lake Pickerel creek	Ox Hide Lake	This project hasn't been fully built yet. Original MN Steel plans included Reverse Osmosis treatment so the facility would not be impacted by wild rice rule.
MN0001007	Minnesota Power – Boswell Energy Center	161.80	Pokegama Reservoir on Mississippi River	Blackwater Lake	Boswell Energy has court-ordered site specific criteria to protect wild rice.

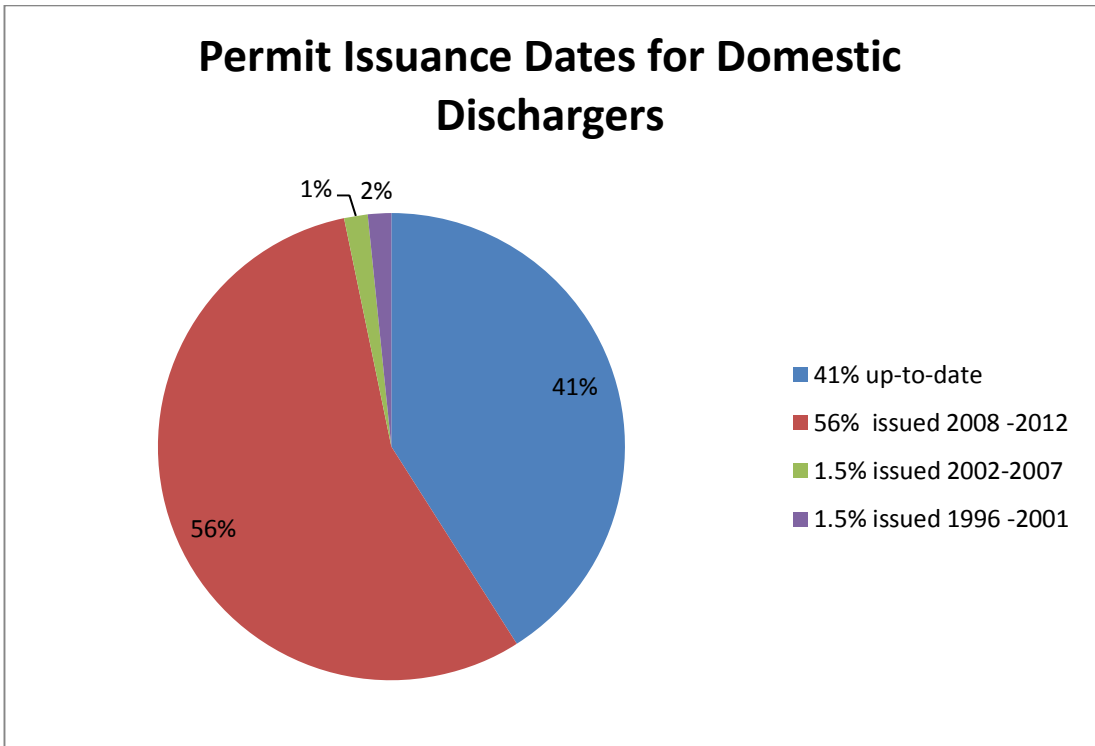


Figure 12. Domestic Dischargers NPDES Permit Issuance Dates

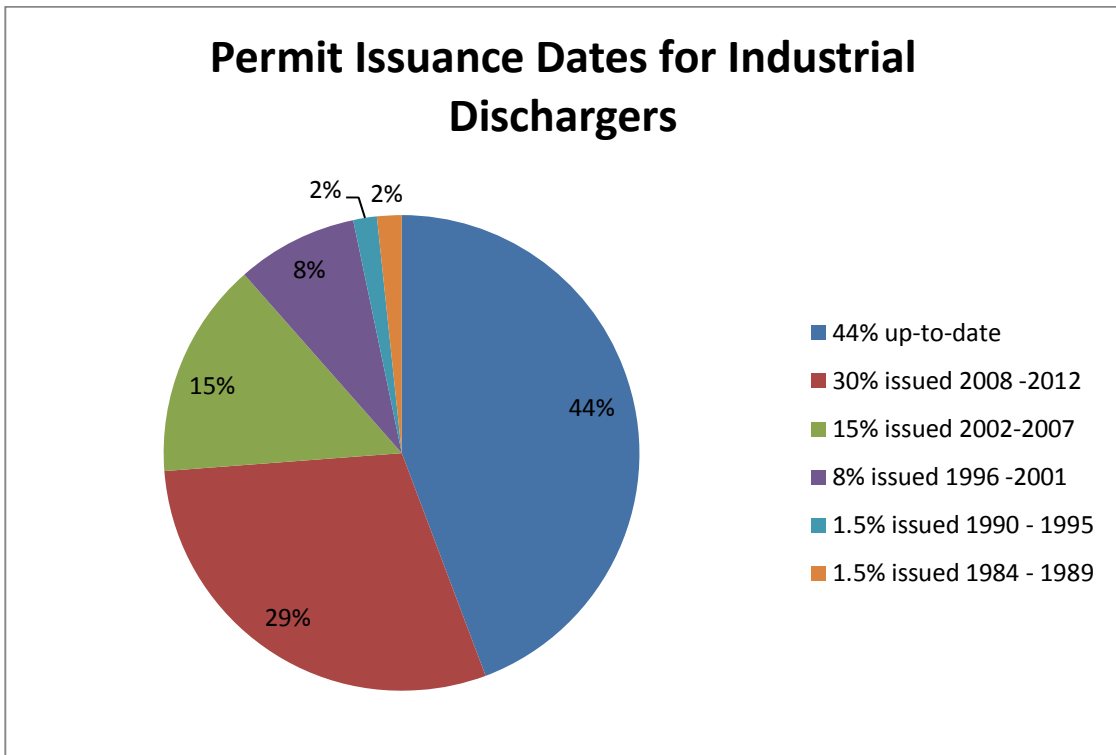


Figure 13. Industrial Dischargers NPDES Permit Issuance Dates

Comparing the proportion of up-to-date permits and those permits issued between 2008 -2012, domestic dischargers' permits comprise ninety-seven percent, demonstrating they are up-to-date or only a few years out of date. Reviewing the oldest two time categories for domestic dischargers indicate that only three percent were issued from 1984 - 2007. Reviewing industrial dischargers' up-to-date permits and those permits issued between 2008 -2012, seventy-three percent are up-to-date or only a few years out of date. Twenty-seven percent of industrial dischargers' permits were issued from 1984 - 2007. This demonstrates that domestic dischargers' are being held to higher permit compliance and/or oversight expectations by the MPCA.

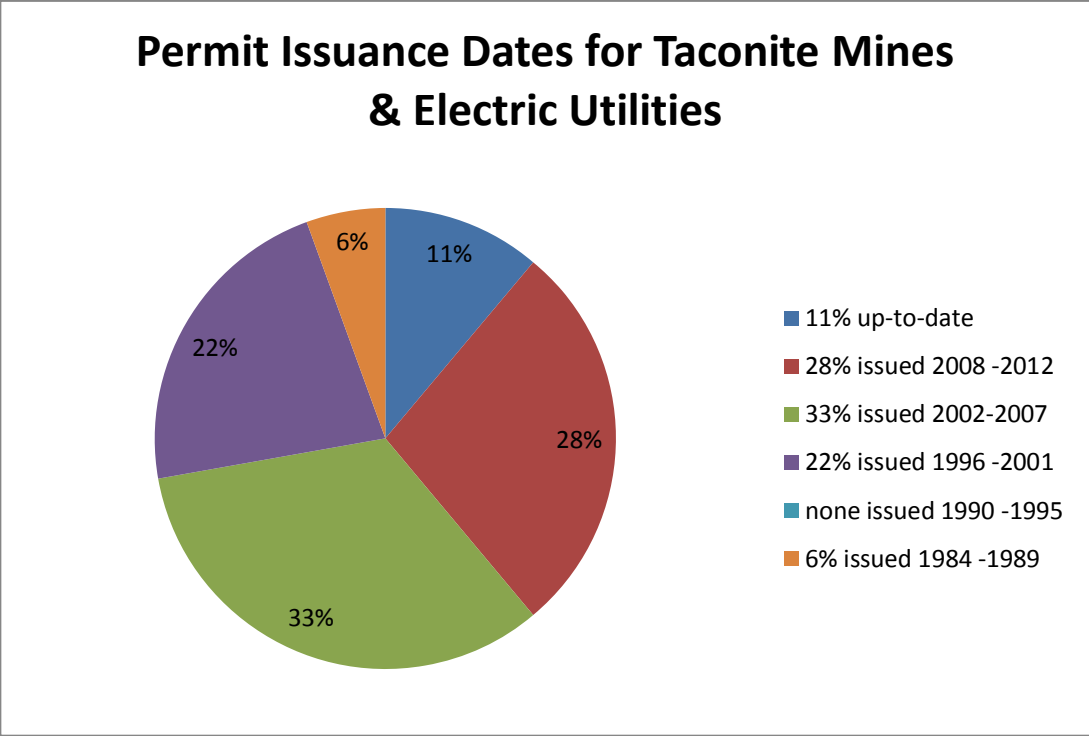


Figure 14. Taconite Mines and Electric Utility NPDES Permit Issuance Dates

By assessing the permit issuance dates for a subset of the industrial facilities, taconite mines and electric utilities included on the SONAR list, only thirty-nine percent are up-to-date or only a few years out of date. However, permits issued from 1984 – 2007 comprise sixty-one percent. This further demonstrates that even amongst industrial dischargers a reduced standard of oversight is applied to taconite and electrical utilities by MPCA. Yet, these are the largest by volume of industrial wastewater discharges and their discharges have the highest concentrations of sulfate.

Conclusions

Domestic dischargers receive more permitting oversight than much larger industrial dischargers. Where data is available, industrial facilities on average discharge six times more wastewater than domestic discharges. Average sulfate concentrations from industrial discharges are at least twenty times more concentrated than domestic discharges.

Type of Facility	Discharge Volume Range (Million Gallons Per Day)	Average Discharge Volume (Million Gallons Per Day)	Average Sulfate Concentration Range (Milligrams per Liter)	Average Sulfate Concentration (Milligrams per Liter)
Industrial	0.0012 - 161.8	12.93	22.7 -1054	301.66
Domestic	0.0008 - 42	2.26	6.97 – 29.6	15.87

Virtually all of Minnesota waters that are not impacted by industrial discharges have sulfate concentrations below the 10 mg/L wild rice sulfate standard. Therefore, if industrial discharges were controlled in accordance with the law to meet Minnesota water quality standards, most domestic wastewater discharges would not require additional treatment to comply with the wild rice sulfate standard. Domestic dischargers that draw drinking water from source water where sulfate concentrations are elevated from industrial activities (e.g. mine pit lakes) could reduce the costs by treating potable water to reduce sulfate instead of adding treatment for wastewater. In addition to reducing costs, treating potable water would have community health benefits.

Comparison of Concentrations between southern and northern Minnesota

Sulfate is naturally higher in the SW part of the state, due to the history of glaciation in Minnesota. Glaciers moved from what are now parts of Canada and upper Minnesota, down and across Minnesota, scraping away large amounts of surface material and leaving behind this higher sulfate glacial till in the areas of SW MN. According to USGS (1974, pg. 10 <https://pubs.usgs.gov/pp/0161/report.pdf>), *“The high concentrations of sulfate in ground water in the west part of the State are probably caused by leaching of sulfate-rich minerals, such as gypsum and iron sulfide, from the drift. These were assimilated and later deposited here by glaciers that moved over Cretaceous [period]...sediments containing sulfate-rich minerals.”* PIIC resides on the edge of the driftless region, an area of MN where the last period of glaciers never touched. Areas in MN where glaciers never reached during the last period still have naturally higher sulfate levels from pre-glaciation, such as the parts of SE MN where PIIC resides. USGS 1983 (<https://pubs.er.usgs.gov/publication/wri834200> <https://pubs.er.usgs.gov/publication/wri834031>) reports state in reference to both the St. Peter and Mount Simon-Hinckley aquifers that sulfate in the southwestern portions of the aquifer are naturally higher in sulfate because of the leakage from overlying Cretaceous deposits. This means that the SW portion of Minnesota has naturally higher sulfate levels in the groundwater. It is further important to note that groundwater concentrations of salts may be much higher and get diluted when mixed with surface water.

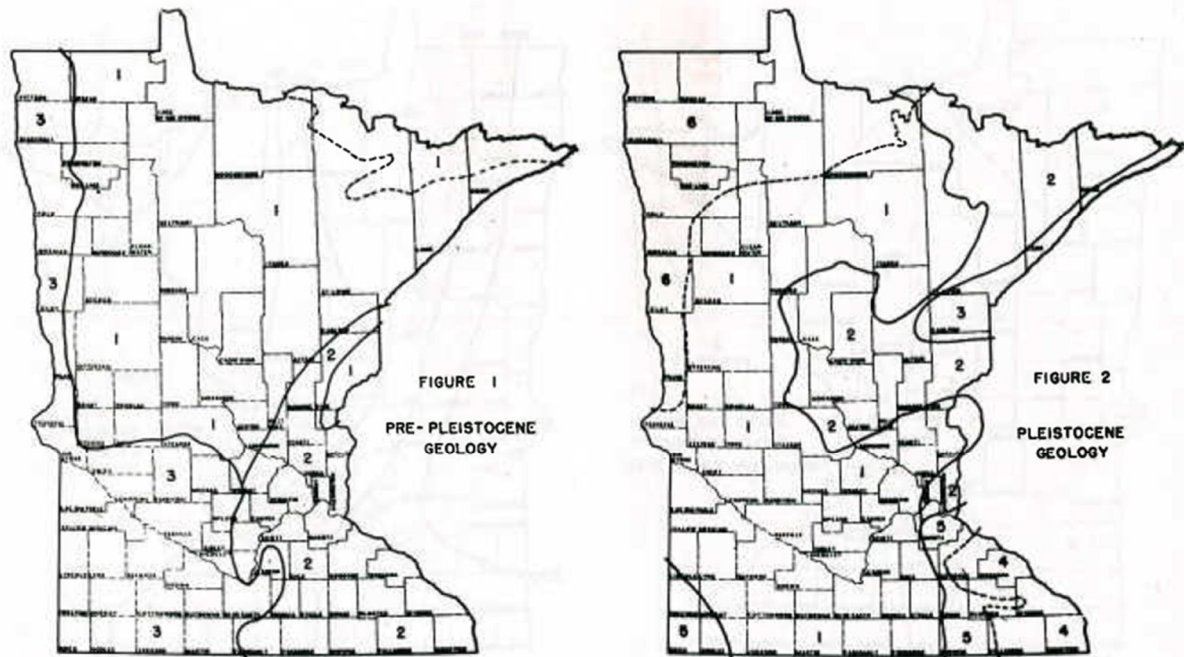


Figure 15: Maps depicting geology of MN after last glaciation (Moyle, pg. 32)

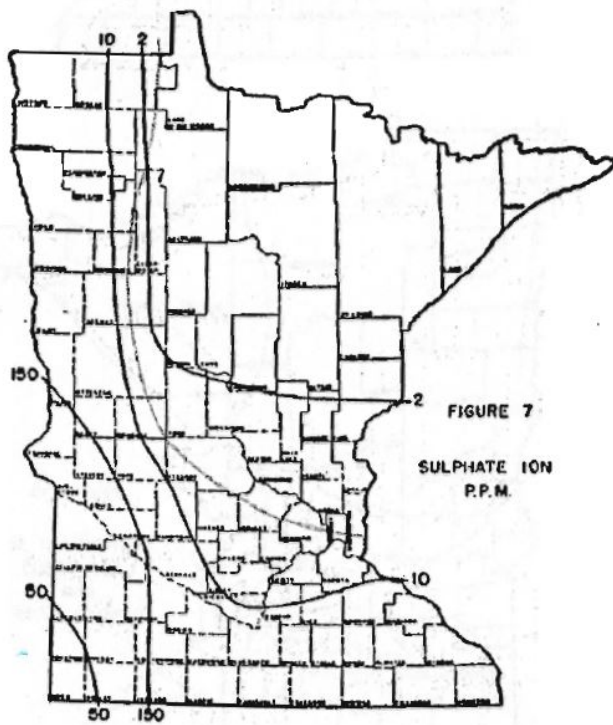


Figure 16: Map depicting contours of sulfate concentrations in MN based on field measurements (Moyle, 1956).

The average surface water sulfate levels of Minnesota were mapped by Myrbo (2017) in a report using MPCA and DNR databases from current research on sulfate concentrations. The map below shows contours of predicted sulfate concentration in surface water using both actual and predicted measurements. Higher sulfate concentrations in southwest Minnesota are attributed to the glacial till deposits discussed previously.

However, in comparison with the map on pg. 44 depicting data from the Mississippi River, predicted sulfate concentrations don't entirely correspond to measured sulfate concentrations. The Mississippi River data shows higher sulfate concentrations in the range 30-50 mg/L in the area just north of, and running through, the Twin Cities. The predicted sulfate concentrations on the Myrbo map estimate this area should be between the 10-30 mg/L range. Records show wild rice grew, and in some places still grows, along the length of the Mississippi River.

However in comparison with the map on pg. 51 of this report depicting dischargers on or near the Mississippi River, there are some concerns about the high sulfate levels seen above and below the Twin Cities area where there are few remaining wild rice waters. Wild rice is not found to grow in the southwest portions of the state where sulfate concentrations are several hundred mg/L due to the naturally higher sulfate content in soils and surface water in that region.

Additionally, in looking at northern Minnesota on the Myrbo map evidence is seen of higher sulfate concentrations in the surface water in the iron range region. This region has sulfate bound along with the iron deposits. Undisturbed watersheds, with sulfate still bound in the glacial and bedrock geology, have low ambient sulfate concentrations. The disturbance of sulfate-rich lobes will cause higher sulfate concentrations to be evident in the surface water. Confirmation of this is shown in the following Myrbo map, where northern Minnesota with naturally low sulfate concentrations has a plume of higher sulfate concentration waters in areas surrounding industrial facilities that disturb the bedrock, releasing the sulfate trapped there.

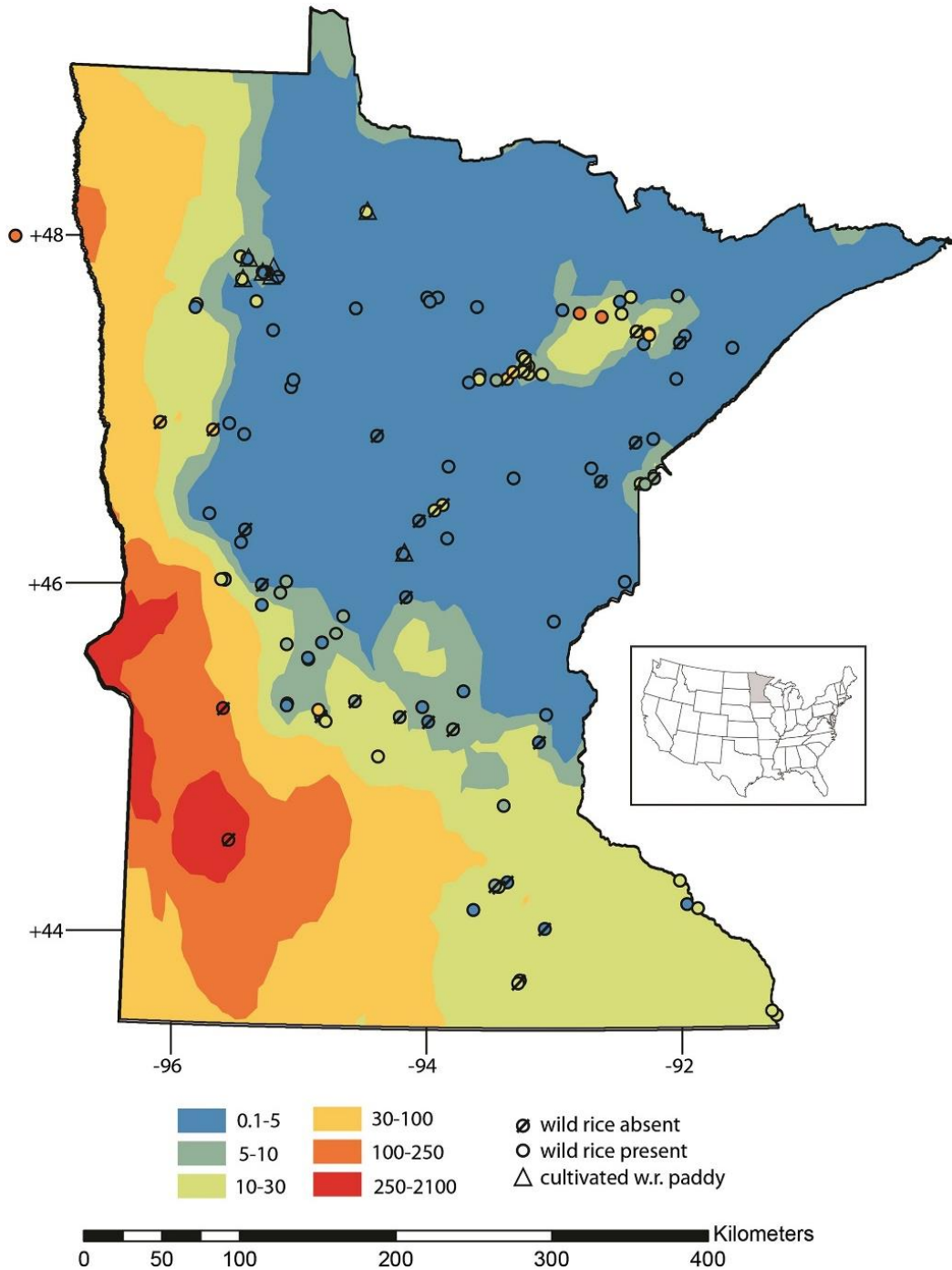


Figure 17: Myrbo (2017) “Map of Minnesota showing field sites overlain on kriged contours of average surface water SO₄ concentrations from 4,998 waterbodies (data from MPCA and DNR databases). The symbols are filled with the color corresponding to the site's surface water sulfate concentration. Site to the northwest of the Minnesota map is within the state of North Dakota, 40 km west of the border with Minnesota. Sites where wild rice was not found have a diagonal line through the symbol.”

RECOMMENDATIONS

Per Minnesota Chippewa Tribe Resolution 107-18, *“the Tribal Wild Rice Task Force will review existing literature, including literature and information based on tradition, culture, and science, that is available to inform the understanding of the impacts of sulfate and other sulfur compounds on habitat conditions on wild rice, identify information gaps, make recommendations on priorities in a similar fashion to that included in Executive Order 18-08, and provide such report to the Governor by December 15, 2018.”*

Recommendations are listed in bold, followed by description detailing the recommendation.

Widen the beneficial use of wild rice to include cultural and ecological values.

Supporting materials such as the Statement of Need and Reasonableness (SONAR) and the Technical Support Document describe the beneficial use of wild rice as “the harvest and use of grains from wild rice as a food source for wildlife and humans.” The scope of this beneficial use is too narrow. Wild rice provides a broad spectrum of services including cultural (importance to tribes and others) and ecological (fishery habitat, water quality, etc.) functions. The way that this can be accomplished for each agency is through MPCA including the wild rice designated use in Class 2 “aquatic life use” and the MNDNR providing a special designation for wild rice, similar to protections for trout streams and calcareous fens.

Include all waters identified by the Tribes, MNDNR, and MPCA as wild rice waters where the standard would apply. The MPCA has done a great job utilizing all information sources to compile a list of wild rice waters. However, the rule it proposed chose to omit approximately 1000 wild rice waters out of the 2,300 on the list. Unless long-term monitoring data indicates otherwise, all waters on this list should be considered a wild rice water where the wild rice water quality standard applies. The list of wild rice waters should be inclusive instead of exclusive.¹

¹ This recommendation addresses EO 18-08 question a)

Adopt a more comprehensive wild rice monitoring, assessment, and mapping strategy.

Regulatory agencies should promote and advocate for a comprehensive and protective regulatory framework specifically for wild rice waters. A concerted and coordinated effort should be implemented among state, tribal and federal agencies to inventory all existing Minnesota wild rice waters. A coordinated and standardized approach for assessing the condition of wild rice water in Minnesota should also be implemented. Wild rice waters suffer from many risks including hydrological alterations, runoff, fragmentation, lakeshore development, and infrastructure development. These risks need to be quantified and explored so we are proactive in protecting wild rice waters. We recommend using the MN Sea Grant and University of MN “Wild Rice Monitoring Handbook” protocol among state and Tribal agencies.² (<http://www.seagrants.mn.gov/downloads/sh016.pdf>)

Adopt process for adding wild rice waters to list. No effort at identifying wild rice waters is perfect, and new information will feed into this effort. A straight forward and scheduled process for adding waters must be developed and implemented. This should be a collaborative process between tribal and state agencies. At a minimum, additions to the list could be made during the triennial review.³

Communicate directly with each affected Tribal Government to determine their decision on listing wild rice waters within reservation boundaries. The MPCA has stated that it will not list waters within reservation boundaries if specifically requested by a tribe. Given the sovereignty of each tribe and their jurisdiction over reservation waters, a formal consultation process is required.⁴

Implement and enforce wild rice water quality standard. The current wild rice standard of 10 mg/L sulfate remains in place, but has not been enforced as required by the Clean Water Act. Existing water quality standards must be met and enforced. Regardless of what standard is in place, implementation is the key to preserve and protect wild rice. Previous state legislation that restricts state implementation of upholding the wild rice water quality standard should be rescinded.

² This recommendation addresses EO 18-08 question a) and b)

³ This recommendation addresses EO 18-08 question a)

⁴ This recommendation addresses EO 18-08 question a)

Examine and invest in sulfate reduction research and treatment technologies.

Progress towards and ultimately compliance with the water quality standard must be accomplished. We are not opposed to economic development, but environmental standards must be met and enforced.⁵

Establish long-term funding. To accomplish long-term monitoring of wild rice waters, it is necessary to secure adequate long-term funding from general funds for both the MPCA and MNDNR. Additionally, a list of existing funding sources pertaining to wild rice should be created in order to draw from these sources if necessary. However, long-term funding should not rely on grants, as a steady funding stream is necessary to prioritize wild rice protection, management, and restoration.⁶

Seasonal or “flushing” discharges of sulfate should not occur. We agree with the MPCA proposed approach of allowing no seasonal discharge of elevated sulfate, as is allowed in the existing standard. Science has demonstrated that a seasonal application of the standard is not protective. However, the proposed approach that the calculated numeric standard be implemented as an annual average raises concerns. Dischargers could potentially “flush” their systems and release high concentrations of sulfate during certain times of the year, and attempt to reduce or stop discharges during other times. This essentially could function as a seasonal discharge. Annual average sulfate concentrations and permit requirements may be met, but concerns would exist about whether the spirit of the standard is being met and if wild rice and other resources are being adequately protected.

Recognize the value of wild rice and a healthy environment. The state’s economic analysis only looks at one side of the equation, namely the economic costs to the regulated community. It does not assign value (or gives a value of zero) to clean water, healthy wild rice, reduced mercury in fish, and health and cultural benefits. These values are immeasurable and can be hard to quantify, but must be considered in regulatory decisions. Documents referenced in this report can be utilized to inform these decisions.

⁵ This recommendation addresses EO 18-08 question e)

⁶ This recommendation addresses EO 18-08 question e)

Address impaired waters of Minnesota. The MPCA maintains a list of impaired waters that do not meet water quality standards in the state. This list is updated and submitted to the USEPA every two years. Wild rice waters impaired from the sulfate standard have not been included to date. Impacted wild rice waters should be added to the Minnesota’s impaired waters list, and activities should be implemented to remove impairments. Addressing other impairments will also improve other water quality issues that may be impacting wild rice waters.⁷

Recognize and support tribal sovereignty, culture, and treaty rights. Tribal sovereignty must be recognized, and proper consultation needs to occur on issues impacting natural resources and tribal populations. Tribal culture, and the importance of resources such as wild rice, must be appreciated and respected. Many Bands have signed treaties with the United States retaining rights to hunt, fish, and gather. Treaty rights are the supreme law of the land, and must be recognized and upheld. For these rights to be exercised, wild rice and other resources must be available (protected and enhanced) to be utilized.

PRESERVE AND PROTECT MANOOMIN/PSIN/WILD RICE FOR FUTURE GENERATIONS.

⁷ This recommendation addresses EO 18-08 question b)

APPENDIX

Appointed members of the Tribal Wild Rice Task Force (by their respective governments):

Deb Dirlam, Director of Environmental Programs, Lower Sioux Indian Community
Justice Wabasha, Environmental Technician, Lower Sioux Indian Community
Margaret Watkins, Water Quality Specialist, Grand Portage Band of Lake Superior
Chippewa

John Morrin, Tribal Council Representative, Grand Portage Band of Lake Superior
Chippewa

Tara Geshick, DNR Director, Bois Forte Band of Chippewa

Darren Vogt, Resource Management Division Director, 1854 Treaty Authority
(representative for Bois Forte Band of Chippewa)

Nancy Schuldt, Water Projects Coordinator, Fond du Lac Band of Lake Superior
Chippewa

Thomas Howes, Natural Resources Manager, Fond du Lac Band of Lake Superior
Chippewa

Richard Robinson, DRM Director, Leech Lake Band of Ojibwe

Ben Benoit, Environmental Director, Leech Lake Band of Ojibwe

Bradley Harrington, Commissioner of Natural Resources, Mille Lacs Band of Ojibwe

Kelly Applegate, Wildlife Biologist, Mille Lacs Band of Ojibwe

Monica Hedstrom, Natural Resources Director, White Earth Nation

William Bement, Water Division Manager, White Earth Nation

Leya Charles, Water Resources Specialist, Prairie Island Indian Community

Other contributors:

Brandy Toft, Environmental Deputy-Director, Leech Lake Band of Ojibwe

Natalie Boyd, Environmental Technician, Mille Lacs Band of Ojibwe

Tony Swader, Trust Land Administrator, Grand Portage Band of Lake Superior
Chippewa

Richard Jackson, GAP Coordinator, White Earth Nation

Michael Northbird, Environmental Program Manager, Minnesota Chippewa Tribe

Arthur Lockwood, Dakota Language Instructor, Prairie Island Indian Community
Franky Jackson, Tribal Historic Preservation Officer, Prairie Island Indian Community
Lars Lidahl, Environmental Technician, Prairie Island Indian Community
Heather Fox, GIS Specialist, Grand Portage Band of Lake Superior Chippewa

REFERENCES

Effects of enhanced sulfate and sulfide concentrations on wild rice germination and growth: results from a hydroponics experiment (John Pastor, 12/31/2013)

ftp://files.pca.state.mn.us/pub/tmp/wildRice/Hydroponic_experiments/Pastor_Hydroponics_Experiment_Report.pdf

Effects of enhanced sulfate concentrations on wild rice populations: results from a mesocosm experiment (John Pastor, 12/31/2013)

ftp://files.pca.state.mn.us/pub/tmp/wildRice/Mesocosm_experiment/Pastor_Mesocosm_report.pdf

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<https://link.springer.com/article/10.1007/s10533-018-0491-5>

Wild rice sulfate standard field surveys 2011, 2012, 2013: final report (Amy Myrbo, 12/31/2013)

ftp://files.pca.state.mn.us/pub/tmp/wildRice/Wild_rice_field_survey/Myrbo_Final_Report_2011_2012_2013_Field_Surveys_20131231.pdf

Response of rooting zone geochemistry to experimental manipulation of sulfate levels in wild rice mesocosms (Nathan Johnson, 12/31/2013)

ftp://files.pca.state.mn.us/pub/wild_rice/Johnson_rooting_zone_depth_profiles_report/Sulfate_Manipulation_Rooting_Zone_Geochemistry_final.pdf

Temperature Dependent Diffusion Rates of Sulfate in Aquatic Sediments (Will DeRocher, Nathan W. Johnson, 12/31/2013)
ftp://files.pca.state.mn.us/pub/wild_rice/Johnson_Sediment_Incubation_Experiment/Temperature_Dependent_Diffusion_Rates_of_Sulfate_in_Aquatic_Sediments_final.pdf

Sandy Lake and Little Sandy Lake Monitoring (2010-2017) (Darren Vogt, January 2018)
<http://www.1854treatyauthority.org/management/biological-resources/fisheries/reports.html?id=122&task=document.viewdoc>

Various lists of Wild Rice Waters and MPCA's List of Potentially Affected Dischargers
<http://www.1854treatyauthority.org/management/biological-resources/fisheries/reports.html?id=133&task=document.viewdoc>
http://files.dnr.state.mn.us/fish_wildlife/wildlife/shallowlakes/natural-wild-rice-in-minnesota.pdf

<https://www.pca.state.mn.us/sites/default/files/wq-rule4-15j.pdf>

Complete list of Wild Rice Waters developed by MPCA (Oct. 2017) is **Attachment 5** in this report

Expanding the Narrative of Tribal Health: The Effects of Wild Rice Water Quality Rule Changes on Tribal Health, Fond du Lac Band of Lake Superior Chippewa Health Impact Assessment (2018)
<http://www.fdlrez.com/RM/downloads/WQSHIA.pdf>

The Food That Grows Out of the Water: The Economic Benefits of Wild Rice in Minnesota (2018)
<http://www.fdlrez.com/RM/downloads/WQSWildRiceBenefits.pdf>

Wild Rice Monitoring and Abundance in the 1854 Ceded Territory (1998-2017) (Darren Vogt, February 2018)
<http://www.1854treatyauthority.org/management/biological-resources/fisheries/reports.html?id=124&task=document.viewdoc>

Jenks, Albert Ernest. The wild rice gatherers of the upper lakes: a study in American primitive economics. (Washington: Government Printing Office, 1900). (Annual report of the Bureau of American Ethnology to the Secretary of the Smithsonian Institution; v. 19, pt. 2, pp. 1013-1137). Online facsimile at <http://www.wisconsinhistory.org/turningpoints/search.asp?id=1065> *Especially pages 1028, 1036, 1047, 1116, 1118

MPCA (2014). Analysis of the Wild Rice Sulfate Standard Study: Draft for Scientific Peer Review. Online at <https://www.pca.state.mn.us/sites/default/files/wq-s6-42z.pdf>
*Especially pages 9-12

Moyle (1956). Relationships between the Chemistry of Minnesota Surface Waters and Wildlife Management. The Journal of Wildlife Management. Vol. 20, No. 3, pg. 306
https://www.jstor.org/stable/3796967?seq=1#page_scan_tab_contents

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<https://www.pca.state.mn.us/sites/default/files/wq-rule4-15mm.pdf>

Chief Administrative Law Judge Ruling, affirming Jan. 2018 ALJ decision (April 2018)
https://mn.gov/oah/assets/9003-34519-pca-sulfate-water-quality-wild-rice-rules-chief-judge-reconsideration-order_tcm19-335811.pdf

Pertinent Tribal and State Correspondences with the Governor (2014-2018)
Attachment 1A

Community Assessment Report (2017). Food Sovereignty Assessment. *Prairie Island Indian Community*. *Especially pages 1-9 **Attachment 2A**

Deloria, E. (1967). Museum News: The W. H. Over Dakota Museum. *University of South Dakota*, pg. 10-12 **Attachment 3A**

Legislative Rules (2015, 2016, 2017) **Attachment 4A**

Complete list of Wild Rice Waters developed by MPCA (Oct. 2017) **Attachment 5A**

PUBLIC COMMENTS

Nancy Beaulieu, Leech Lake Band - when task forces get together we need to protect the issue from all threats. The TWRTF should be considering other pollutants and threats that affect our sacred wild rice. The TWRTF should expand the focus of their task at hand. Reports regarding wild rice should be inclusive and considerate of the importance of protecting it. Effects of climate change should be a part of the overall report. (11/28/18 Open meeting, Mille Lacs Grand Casino)

Michael Connor, Bois Forte - wild rice is not just a substance to eat, it builds relationships within different age group of a community. It's educational, we learn from each other, and all people can relate to the importance of maintaining protections of our culture and history. The diversity of the natural world that depends on this important issue as a long-standing relationship that we all have, from macro-invertebrates to all other species. (11/28/18 Open meeting, Mille Lacs Grand Casino)

Perry Bunting, Mille Lacs - the TWRTF should clarify what the 10mg/L standard really means. That it relates to the sulfate levels of water bodies and not the "end of the pipe". (11/28/18 Open meeting, Mille Lacs Grand Casino)

Debra Topping, Fond du Lac - a baseline, in regards to all pollutants in the lakes within our reservations and treaty-ceded territories, should be included in the report. (11/28/18 Open meeting, Mille Lacs Grand Casino)

Nicole Buck, Prairie Island Indian Community - I work in land and environment as tribal garden assistant and work with our food sovereignty. Today I'm writing a letter in regards to the growth and production of protecting our wild rice. Wild rice is not only a huge part of my diet but many of our people as well. Wild rice plays many spiritual and physical roles to the Dakota people. From high nutrition for the nourishment of our bodies to the spiritual essence of our ceremonies. Wild rice has been a huge part of our diet prior to colonization, it connects to the land and water ways. Currently as we speak Prairie Island does not have viable wild rice for harvest for our people we have to get it from other tribes in the Northern Territory.

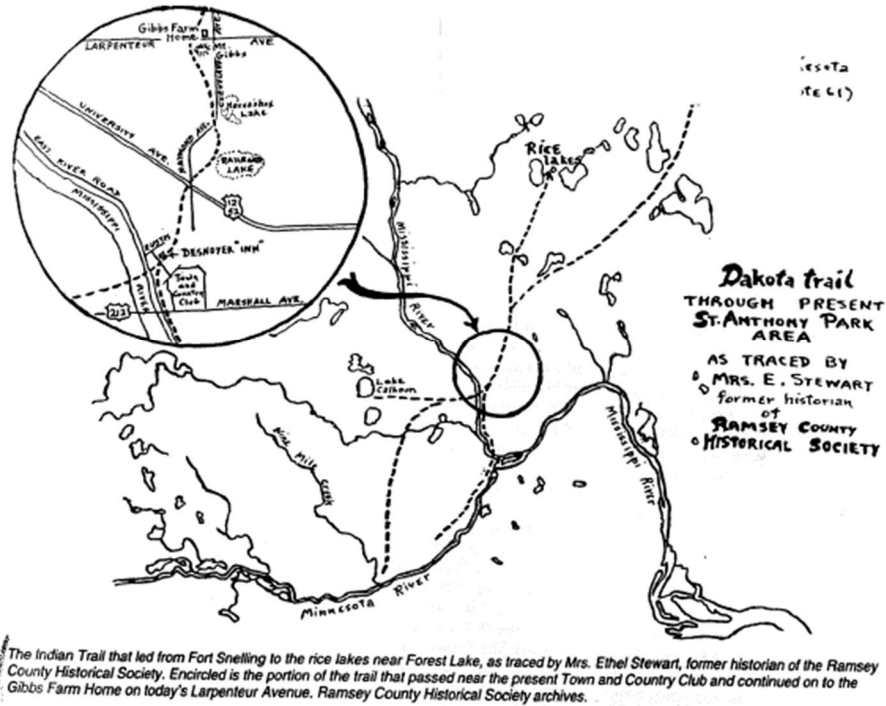
Being able to grow and harvest our own wild rice for our people would help us strive with our food sovereignty. My health depends on sustainable wild rice so I hope this letter of support helps us, the people of Prairie Island get a voice in this crucial matter on wild rice. (11/26/18 Email received)

Tina Jefferson, Prairie Island Indian Community - I hope this letter finds its way to a greater cause in protecting our natural resources. In keeping with our traditions and understanding the dilemmas that the dams have created on our waterways on the Mississippi River bottom, we once had a population of wild rice. Since flooding has been prevalent on Prairie Island and decimates our abilities to grow a sustainable crop of wild rice and control of water quality! We have been forced to rely on our other Minnesota Native communities in northern Minnesota to supply our demand for our traditional wild rice and fresh walleye! I am in total support of our communities working together to make this a sustainable food source to our people and our traditions! Though we are not there physically there are many of us that use rice as a staple in our homes and it would be a shame not to have this resource available to us as a people! My father Joseph Campbell worked with and headed many organizations for the condition of our mighty Mississippi and down river alliance! (11/27/18 Email Received)

Cheyenne St. John, Lower Sioux Indian Community -

The Bdewakantunwan Dakota have long been known for their knowledge of harvesting and depending on wild rice. The food source is a staple in a long-existing traditional lifeway, many Dakota elders still make annual pilgrimages to the northern lakes of Minnesota to harvest wild rice, or *pśin*.

As stated by both Prairie Island Dakota Community and Lower Sioux's Office of Environment, numerous historic accounts detail the utility and significance wild rice has to Dakota people as early on as 1600. The image below identifies the Minnesota trails Santee Dakota took to access ricing areas, both Cloudman and Wabasha's Village sites were once situated in areas near present day Minneapolis. Dakota's from both villages actively harvested wild rice in lakes as near as the reclaimed Bde Maka Ska.



A Study of Wildrice in Minnesota. Edman, Robert F. Minnesota Resource Commission (1969)

Lower Sioux’s Tribal Historic Preservation Office has conducted numerous interviews with Dakota elders and spiritual leaders over the past decades capturing oral interviews, community histories and landscape/site knowledge. After assessing the responses pertaining specifically to where Lower Sioux/Mdewakanton harvested wild rice most elders replied, “historically, the Dakota of Lower Sioux went north until they reached the furthest south lake and harvested from there.”

Overtime the advancement and progression of industry and agriculture resulted in many southern MN waterbodies being drained, as or tilled, presumably destroying historic-Dakota ricing areas.

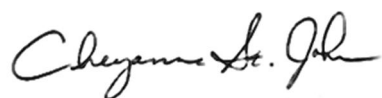
Lower Sioux Indian Community is concerned about the potential impact of infrastructure development on the natural resources we depend on for medicinal, cultural, and economic purposes. These concerns extend to proposals and/or permits that might have long-lasting impacts on LSIC’s resources.

LSIC wants to prevent environmental degradation and environmental harm in all areas of our ancestral homelands. We do not support projects or policy that risk traditional foods being demolished, poisoned or altered. Wild rice areas (water tributaries, water bodies and adjacent streams) should remain protected and pristine for future access, harvest and establishment.

The State of Minnesota is responsible for issuing many of the permits necessary for infrastructure development to proceed, such as the crude oil Line 3 pipeline. LSIC needs this task force to advocate and evaluate the potential impacts on Treaty rights and our natural resources to ensure the sustainability of psin for future generations.

On behalf of Lower Sioux Indian Community of Minnesota, we appreciate the opportunity to provide these comments.

Pidamaya ye,



Cheyenne St. John, THPO/Cultural Dept. Director
Lower Sioux Indian Community

(12/04/2018 Email Received)

Janice Erickson, Prairie Island Indian Community – My name is Janice Erickson. I am an enrolled Tribal member. My husband and my 5 children are all Tribal members too. Our family, friends, & community are connected to Wild Rice for many reasons. The most important reason is we regularly eat wild rice as a part of our natural diet. Our ancestors have been doing the same for countless generations! We also use our wild rice by culture and ceremonies. It is a part of who we are as a people. I am writing this to voice my concern that we need ensure our water is kept clean. The wild rice is dependent on it. It cannot grow or thrive in dirty water. People in general cannot grow or thrive in dirty water! It's really awful that mines aren't cleaning up their waste. Their pollution is deadly & hurting us all. Please make sure your report will fight for what is right! Our future, & future generations are counting on you!

(12/12/2018 Email Received)



The Minnesota Chippewa Tribe

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February 7, 2014

John Linc Stine, Commissioner
 Minnesota Pollution Control Agency
 520 Lafayette Road North
 St. Paul, MN 55155-419

Re: Definition of “waters used for the production of wild rice”; wild rice water quality standards

Dear Commissioner Stine:

The Minnesota Chippewa Tribe appreciates having the opportunity to continue discussions with your agency regarding the definition of “waters used for the production of wild rice.” We commend the Minnesota Pollution Control Agency (MPCA) for the work done to clarify this definition and to strengthen protection for this critical resource. As you know, wild rice is a culturally significant resource for the tribes in Minnesota. From historical reports,¹ Band member accounts,² and current Minnesota Department of Natural Resources (“DNR”) and tribal reports,³ wild rice has declined significantly throughout Minnesota, and in southern Minnesota wild rice has virtually disappeared. Minnesota tribes have a unique relationship with the state regarding the protection of wild rice, as demonstrated through multiple rulemaking processes⁴ and executive orders.⁵

¹ Jenks, A.E., The Wild Rice Gatherers of the Upper Great Lakes: A Study in American Primitive Economics (Washington: GPO, 1901), available on-line at <http://greatlakeswater.owex.edu/library/articles-and-white-papers/wild-rice-gatherers-upper-lakes-study-american-primitive-economics> (last visited Oct. 12, 2012).

² Rosemary Berens, Bois Forte Tribal Historic Preservation Officer

³ See, e.g., 1854 Treaty Authority website, “Wild Rice Survey” (including list of wild rice waters in the 1854 Ceded Territory), available at <http://1854treatyauthority.org/wildrice/survey.htm> (last visited Oct. 12, 2012); MN DNR website, “Wild rice management,” available at <http://www.dnr.state.mn.us/wildlife/shallowlakes/wildrice.html> (last visited Oct. 12, 2012).

⁴ See, e.g., Laws of Minnesota 2007, chapter 7, article 1, section 168

⁵ See, e.g., Executive Order 13-10, “Affirming the Government-to-Government Relationship between the State of Minnesota and the Minnesota Tribal Nations: Providing for Consultation, Coordination, and Cooperation.”

Maintain the existing sulfate criterion for protection of wild rice waters

Minnesota tribal staff have participated in and followed closely the MPCA's research program related to the existing sulfate criteria for protecting wild rice waters⁶. Our thorough review and interpretation of the research results for the state-led hydroponics studies, the field surveys, the mesocosm studies, and the sediment studies leads to our conclusion that the existing federally approved sulfate criterion is well-supported by multiple lines of evidence, and should be maintained. There is no scientific defensible basis for raising this sulfate limit, which is the clear benchmark required by the US Environmental Protection Agency for considering approval of a revised criterion⁷, as was clearly communicated to the Minnesota legislative body in 2011⁸.

The MPCA proposed approach for listing wild rice waters is inconsistent with the Clean Water Act

The Minnesota tribes have fundamental concerns regarding MPCA's proposed approach for meeting the intent of the 2011 state legislation that directs the agency to establish criteria considering "history of wild rice harvests, minimum acreage, and wild rice density."⁹ In January of 2014, the Fond du Lac, Grand Portage, Leech Lake, White Earth and Bois Forte Bands communicated clear concerns for the agency's proposed 'watch list' approach in letters to MPCA; specifically, that this approach would violate the Clean Water Act (the Act) and Minnesota water quality standards (WQS). The agency had proposed to create a 'watch list' for those wild rice waters listed by the DNR for which the state lacked specific acreage and/or stand density measurements; only those waters with quantified stands would be formally listed as wild rice waters. The DNR list of Minnesota wild rice waters¹⁰ was compiled as part of a legislatively directed study of the threats to wild rice in Minnesota, and represented significant contributions from Minnesota tribal resource management staff. State and tribal staff also explicitly qualified this 2008 compiled listing as 'not comprehensive', and that it would be continuously updated as new data became available.

Under the Act, the Nation's waters are to be restored and maintained for the protection and propagation of fish, shellfish, and wildlife, and for recreation in and on the water.¹¹ The goal of a water quality standards program is to restore and maintain the chemical, physical, and biological integrity of the Nation's waters.¹² States and authorized Tribes adopt water quality

⁶ <http://www.pca.state.mn.us/index.php/water/water-permits-and-rules/water-rulemaking/minnesotas-sulfate-standard-to-protect-wild-rice.html#assessment>

⁷ See, generally, 40 CFR §§ 131.5, 131.11, and 131.21 (2013).

⁸ Letter from USEPA to Sens. Dill, Bakk, May 13, 2011.

⁹ Laws of Minnesota 2011, 1st Spec. Sess., chapter 2, article 4, section 32 –Wild Rice Rulemaking and Research)

<https://www.revisor.mn.gov/laws/?id=2&doctype=Chapter&year=2011&type=1>

¹⁰ MN DNR "Statewide Inventory of Wild Rice Waters" (2008) available at <http://www.dnr.state.mn.us/wildlife/shallowlakes/wildrice.html> (last visited Jan. 27, 2014).

¹¹ See 33 U.S.C. § 1251(a)(2).

¹² *Id.*

standards to protect public health, enhance the quality of water, and serve the purposes of the Clean Water Act¹³ and are free to add use classifications, as well as adopt any use classification system they see as appropriate (with the exception of waste transport and assimilation, which are not acceptable uses in any case). Among the uses listed in the Act, there is no hierarchy.

A primary objective for classifying a water body is to designate uses by evaluating and describing the ecosystem. "Designated uses" are based on the relationship and quality, i.e., the integrity, of all ecosystem components. States and authorized Tribes, through their approved WQS, specify appropriate, designated uses in order to achieve and protect existing and potential uses.¹⁴ They can select the level of specificity they desire for identifying designated uses and subcategories of uses. Subcategories of aquatic life uses may be on the basis of attainable habitat, innate differences in community structure and function, or fundamental differences in important community components. Special uses may also be designated to protect particularly unique, sensitive, or valuable aquatic species, communities or habitats.

The current state standard for listing wild rice waters is found at Minnesota Rule 7050.0224, "Specific Water Quality Standards for Class 4 Waters of the State: Agriculture and Wildlife," which at Subpart One states:

The numeric and narrative water quality standards in this part prescribe the qualities or properties of the waters of the state that are necessary for the agriculture and wildlife designated public uses and benefits. Wild rice is an aquatic plant resource found in certain waters within the state. The harvest and use of grains from this plant serve as a food source for wildlife and humans. In recognition of the ecological importance of this resource, and in conjunction with Minnesota Indian tribes, selected wild rice waters have been specifically identified [WR] and listed in part 7050.0470, subpart 1. The quality of these waters and the aquatic habitat necessary to support the propagation and maintenance of wild rice plant species must not be materially impaired or degraded. If the standards in this part are exceeded in waters of the state that have the Class 4 designation, it is considered indicative of a polluted condition which is actually or potentially deleterious, harmful, detrimental, or injurious with respect to the designated uses.

Natural Wild Rice Waters should be classified as a distinct aquatic life use

The fundamental use in §101(a) of the Act for 'protection and propagation of fish, shellfish and wildlife' may also include the protection of aquatic flora. However, the agricultural use class (Minnesota's Class 4 waters) is intended to define *waters that are suitable for the irrigation of crops, consumption by livestock, support of vegetation for range grazing, and other uses in support of farming and ranching and protects livestock and crops from injury due to irrigation*

¹³ See EPA's Water Quality Standards Handbook Chapter 2: *Designation of Uses* (40 CFR 131.10) at <http://water.epa.gov/scitech/swguidance/standards/handbook/chapter02.cfm>

¹⁴ See 40 C.F.R. § 131.10 (2013).

and other exposures.¹⁵ The Minnesota tribes have consistently recommended to the MPCA, during multiple consultation sessions over the past three years specifically focusing on wild rice water quality standards, that natural wild rice stands (manoomin) are more appropriately classified under a distinct aquatic life use (i.e., Minnesota's Class 2 waters). It may be appropriate to leave paddy rice, a true cultivated agricultural product, in Class 4, but it is inaccurate and inherently offensive to Minnesota tribes to classify manoomin as a 'crop', and ecologically ignorant to categorize the naturally occurring hydrology of a natural wild rice bed as "irrigation." Irrigation is defined as "...to supply (dry land) with water by means of ditches, pipes, or streams."¹⁶ This is simply not an appropriate or accurate concept for describing a native plant species growing without cultivation in a natural water body.

Wild Rice Waters listed by the Minnesota DNR and Tribes are an 'existing use'

Tribal staff have also elevated the importance of distinguishing between a "designated use" and an "existing use" in consultation with the MPCA. An "existing use" can be demonstrated by either a) that fishing/swimming has actually occurred since November 28, 1975, or b) that the water quality is suitable to allow the use to be attained--unless there are physical problems, such as substrate or flow, that prevent the use from being attained.¹⁷ Following, "No activity is allowable under the antidegradation policy which would partially or completely eliminate any existing use *whether or not that use is designated in a State's water quality standards*. The aquatic protection use is a broad category requiring further explanation. *Non-aberrational resident species must be protected, even if not prevalent in number or importance*. Water quality should be such that it results in no mortality and no significant growth or reproductive impairment of resident species. Any lowering of water quality below this full level of protection is not allowed. A use attainability analysis or other scientific assessment should be used to determine whether the aquatic life population is in fact an artifact or is a stable population requiring water quality protection."¹⁸

Designated uses may be changed only based upon findings of a use attainability analysis that has demonstrated that attaining the designated use is not possible because of naturally occurring pollutant concentrations, natural flow conditions, hydrologic modifications, substantial widespread economic impact resulting from more stringent controls, or human-caused pollution that cannot be remedied. A designated use cannot be removed if the use can be attained by implementing effluent limits and best management practices.¹⁹ Therefore, attainable uses are, at a minimum, the uses (based on the State's system of water use classification) that can be achieved: (1) when effluent limits under sections 301 (b)(I)(A) and (B) and section 306 of the

¹⁵ *Id.* at Chapter 2, EPA Water Quality Standards Handbook

¹⁶ Webster's II New College Dictionary (ISBN 0-395-70869-9) 1999. Houghton Mifflin Co.

¹⁷ See Chapter 4, Water Quality Standards Handbook, Protection of Existing Uses

¹⁸ *Id.*

¹⁹ Per 40 C.F.R. Section 131.10(d), "[w]hen designating uses, States may wish to designate only the uses that are attainable. However, if the State does not designate the uses specified in section 101(a)(2) of the Act, the State must perform a use attainability analysis under section 131.10(j) of the regulation. States are encouraged to designate uses that the State believes can be attained in the future."

Act are imposed on point source dischargers; and (2) when cost-effective and reasonable best management practices are imposed on nonpoint source dischargers.

Minnesota's existing WQS require that the quality of listed and unlisted wild rice waters, and the aquatic habitat necessary to support the propagation and maintenance of wild rice plant species, not be materially impaired or degraded. In other words, Minnesota already requires the listing of *all* wild rice waters, regardless of production—the rules make no distinction based upon productivity.²⁰ As noted, most of the waters that now appear on MPCA, DNR, and the 1854 Treaty Authority lists *already* have an “existing use” as “waters used for the production of wild rice,” whether or not they include an estimate of acres of wild rice present for any given year. These waters must remain on the wild rice waters lists for regulatory purposes. They cannot be pulled off and dropped instead onto the proposed “watch list,” in effect, de-listing them as Class 4 waters of the state with the stroke of a pen. The Clean Water Act clearly states that this can only happen after significant process, including a reasoned determination has been made that production of wild rice is a designated use, not an existing use, and based upon the findings of a use attainability analysis, that the designation of “waters used for the production of wild rice” should be eliminated.

If a *designated use* is an *existing use* (as defined in 40 CFR 131.3) for a particular water body, the existing use **cannot be removed** unless a use requiring more stringent criteria is added. However, uses requiring more stringent criteria may **always be added** because doing so reflects the goal of further improvement of water quality. This is entirely consistent with the intent of not only the Clean Water Act goals, but also the intent of the DNR and Tribes in continually updating the list of wild rice waters within the state:

Productivity thresholds are not appropriate for defining wild rice waters

Even if the Act did not prohibit the watch list, it makes no sense as a conservation measure. Minnesota Chippewa Tribe Bands have consistently urged the MPCA to broadly, not narrowly, define wild rice waters, and to be as protective of this diminishing resource as possible. An unnecessarily restrictive list of “waters used for the production of wild rice” is not consistent with the principles of ecosystem management, whereby a management or regulatory agency seeks to maintain ecosystems such as wild rice waters in the appropriate condition to meet that beneficial use, while recognizing that all ecosystems have limited ability to accommodate stressors and still maintain that desired state. Using an arbitrary threshold of productivity to define “waters used for the production of wild rice” ignores the entire body of published scientific research *and* traditional ecological knowledge provided by tribal staff and tribal members that provides substantial evidence of the interannual variability in even traditionally productive waters. Given the scarcity of wild rice productivity and stand density data that the MPCA has compiled at this point in time, it is entirely premature to attempt to incorporate a representative productivity or density metric into the actual definition of a wild rice water body.

Furthermore, the Minnesota tribes with authorized water quality standards would *not* move to a less-inclusive definition or less-protective criterion even if the state adopted it. So the “watch

²⁰ See Minn. R. 7050.0224 subp. 1.

list” would also likely mean an end to an ongoing, cooperative, state-tribal conservation effort and would likely have a ripple effect on other aspects of these relationships, as wild rice is of such central importance to the Bands. As a practical matter, the result would be that the state and tribes would no longer maintain the same wild rice waters lists (at least within the 1854 Ceded Territory and on the reservations), which would undoubtedly create both administrative and permitting problems.

The “watch list” approach would have additional consequences, including delays in the environmental review process for projects with the potential to affect wild rice waters. Minnesota’s wild rice waters, whether designated by the state or not, are also federally protected as tribal traditional cultural properties under Section 106 of the National Historic Preservation Act (NHPA).²¹ The NHPA requires not only that a project with the potential to impact traditional cultural properties must carefully analyze potential impacts, but also stipulates that appropriate mitigation must be done or a project cannot proceed. If the same waters are not also listed at the state level, it will create a disconnect between the state and federal permitting processes and records, to the detriment of applicants, tribes, and agencies alike.

The Legislative directive can be fulfilled through MPCA’s watershed-based monitoring and assessment processes

MPCA should instead continue to list all wild rice waters *regardless* of current levels of production, and should simply add productivity measurements to their assessment database as they become available over time. This is appropriately accomplished through the state’s established ten-year cycle for major watershed assessments. MPCA assesses state waters through physical, chemical and biological monitoring. Biological evaluations provide a more precise statement of which species exist in a water body and therefore should be protected, determine the biological health of the water body, and determine the species that could potentially exist in the water body if the physical and chemical factors impairing a particular use were corrected. Over time, with adequate data, the MPCA should be able to make reasonably specific recommendations concerning the natural potential of a water body, levels of attainability consistent with this natural potential, confirm appropriate use designations, and identify impairments. The MPCA can most directly and appropriately address the legislative requirement for considering minimum acreage and wild rice density **through their established monitoring and assessment processes**, rather than struggling to clarify it in the definition of the wild rice designated use.

MPCA should expedite the listing of impaired wild rice waters

We also urge MPCA expedite the listing of “impaired” wild rice waters in order to ensure that water-quality-based effluent limits can be applied to discharges that exceed WQS criteria - just as Minnesota Rules already mandate. Any water body that is currently listed by the DNR, 1854 Treaty Authority, or MPCA as a wild rice water body, and is known to exceed Minnesota sulfate WQS for wild rice, should be designated as “impaired.”²² This would be consistent with the

²¹ See 36 C.F.R. §§ 800 *et seq.* (2013)

²² See Minn. R. 7050.0224 subp. 1.

MPCA's approach to designating any other type of impairment with assigned numeric or narrative criteria.

Conclusion

Natural stands of wild rice (manoomin) should be protected as a distinct Class 2 aquatic life use in Minnesota WQS, and the existing sulfate criteria (10 mg/l) should be maintained for this use class. Paddy rice may continue to be appropriately designated for protection under the Class 4 agricultural use. Narrowly defining waters used for the production of wild rice, based upon an arbitrary measure of human harvest potential, is inconsistent with Clean Water Act requirements. Creating a "watch list" to determine if waters already known as "wild rice waters," and listed by on the MN DNR, MPCA, or 1854 Treaty Authority, but that do not have estimated acreages, is also inconsistent with the Act. In order to protect and restore wild rice waters, natural variability in stand density and annual changes in location of stands in both streams and lakes must be acknowledged. The legislative mandate to consider wild rice acreage and stand density is most appropriately dealt with as an integral part of the MPCA's water body monitoring and assessment programs, not as a component of the water quality standard definition.

The goal should be continuing to build an inventory of natural wild rice waters that facilitates both conservation and monitoring, and that will dovetail with other procedures the MPCA is already implementing to require dischargers to do improved quality-assured monitoring. And properly listing impaired wild rice waters will ensure that water quality based effluent limits can be applied to dischargers that exceed Minnesota WQS criteria for the protection of these waters.

Sincerely,



Norman W. Deschampe
President

cc. Patricia Engelking, MPCA
Katrina Kessler, MPCA
Shannon Lotthammer, MPCA
Susan Hedman, US EPA
Tinka Hyde, US EPA
Linda Holst, US EPA

STATE OF MINNESOTA



INDIAN AFFAIRS COUNCIL

Website: <http://mn.gov/indianaffairs/>



John Linc Stine, Commissioner
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

May 25th, 2017

Re: MPCA's Proposed Rule Revisions for Minnesota's Sulfate Standard to Protect Wild Rice.

Commissioner Stine:

The eleven independent sovereign Indian nations in the state of Minnesota appreciate the opportunity to have continuing dialogue with you and the Minnesota Pollution Control Agency (MPCA) regarding the work underway to revise the state's water quality standards protection for wild rice. There is a long history of expressed tribal concern documenting the damages to wild rice in the treaty ceded territories within the State of Minnesota beginning in the 1860's. Over the past several decades, we have participated in numerous state agency-led initiatives regarding wild rice, from previous rulemaking to identifying management and restoration strategies. Our motivation for sitting down at the table with the state to talk about wild rice has always been to forge a common understanding of how precious this singular resource is, and to reinforce a sense of shared responsibility to protect it for future generations. As we have repeatedly communicated to you and your staff, wild rice or *Mahnomin*, as the Ojibwe people call it, or *Psiâ*, as it is known by the Dakota people, is the preeminent cultural resource of this region and central to our cultural heritage. We see the severe diminishment of wild rice across its historic range as a call for stronger and broader protections of remaining stands here in Minnesota, its last refuge in the United States.

In previous consultations with MPCA, both formal government to government meetings and informal technical staff meetings, you have hopefully learned much more than you knew before about the unique characteristics of this incomparable and irreplaceable resource. We have shared our knowledge, our stories, and our experiences that come from many centuries of successfully managing and sustainably harvesting this sacred

food. We have not been surprised that the research program you conducted has yielded “modern” scientific evidence that wild rice is exceptionally sensitive to sulfate pollution, and that Dr. Moyle’s rigorous observational data from decades ago was actually on the mark. Our research, our monitoring and our traditional knowledge concur. We have also emphasized our experience with and concerns for other significant factors that can degrade or destroy natural stands of wild rice, including hydrologic changes, watershed development, invasive species, mechanical damage from motorized watercraft, and the overarching effects of climate change.

We have made it abundantly clear in our conversations and in written tribal comments that wild rice, in order to survive and thrive into the future, needs stronger and broader protections than just a single water chemistry criterion; one which, in fact, has not been properly implemented in the decades since it was promulgated. We urged your agency to reach across to the Minnesota Department of Natural Resources (MnDNR) and work collaboratively through your complementary regulatory responsibilities to forge meaningful, effective wild rice protections that go beyond a sulfate standard. Both of your agencies have been directed by the state legislature in recent years to examine water quality standards *and* management issues pertaining to wild rice. These past five years would have been a prime opportunity to not only refine and strengthen relevant water quality standards, but also refine and strengthen management, assessment, and restoration goals for this significant shared resource.

Our perspective is that, at this critical point in time, if MPCA were to seriously consider and incorporate the clear and specific recommendations that have come from experienced tribal staff, we could be commenting on revised wild rice water quality rules that:

- Recognize, first and foremost, its priceless value to the people of Minnesota and its exceptional ecological significance;
- Are as inclusive and conservative as possible in designating wild rice waters, recognizing its dramatically diminished occurrence and the need to protect all that we have left;
- Are broadly protective through additional narrative standards that reflect its sensitivity to pollution, habitat degradation and hydrologic alteration – such as those inherent in Aquatic Life Use classification;
- Define what is a sustainable, “harvestable” and generally healthy wild rice condition, and incorporate that by reference with a robust assessment methodology;
- Maintain the existing, simple-to-implement sulfate criterion that has been demonstrated to be protective of the water quality necessary to support wild rice, with rare exceptions afforded the option to demonstrate a site-specific standard that is protective of wild rice in that waterbody.

In addition to what could be defined or revised in Minnesota water quality rules, we have also counseled the agency on the overarching need for a commitment to conduct a comprehensive statewide inventory as quickly as possible. This should have been ongoing throughout the research and rulemaking process; in fact, there is a long history of the state making but not fulfilling this particular commitment. The lack of a common baseline

inventory of wild rice waters is a glaring deficiency in the state's ability to protect wild rice through the broad range of regulatory processes you are responsible for under the Clean Water Act. First, there must be sufficient baseline information on the presence of wild rice across Minnesota waters, including identifying a subset of waters that will be surveyed annually to help capture known variability in wild rice stands.

Second, the agency needs to commit to establishing an assessment methodology for evaluating the condition of wild rice waters, and not simply rely upon a single water quality criterion for determining compliance with this beneficial use. Assessment is a critical step towards identifying impaired wild rice waters, listing them on the state's 303(d) list, and ultimately leading to a process for restoration, if needed. Your expressed rationale for keeping the wild rice beneficial use in Class 4 (Agriculture and Wildlife) is that the original standard defined the beneficial use as a food source for humans and wildlife. You cannot possibly determine whether a wild rice waterbody is meeting *that* beneficial use without both monitoring data – of the resource itself - and a robust assessment methodology that can determine its condition: healthy, experiencing natural variability; or impaired, showing diminished vigor and productivity. This is no different than the framework your agency employs in its assessment of other beneficial uses, specifically involving biological measurements and analyses of the condition of the resource itself. The tools for developing such an assessment methodology are readily available in your agency's wetland assessment program and the field handbook recently published by Minnesota Sea Grant, which the tribes have advocated you use for stand density surveys that are comparable with ours.

But instead of taking an approach such as outlined above – an approach that honors the ecological and cultural significance of wild rice and respects the knowledge and experience of people who have successfully managed harvested, and restored wild rice - the MPCA has chosen to develop rule revisions that:

- Fail to acknowledge the unique ecological and cultural characteristics, and thereby a clear and compelling rationale for strengthening Clean Water Act protections;
- Err on the side of *exclusiveness* in designating WR waters, leaving hundreds of waters with an existing wild rice use unprotected;
- Conflate the sparse stem density established in your definition of 'wild rice water' with actually complying with the 'harvestable' beneficial use;
- Lack any assessment of the beneficial use, other than compliance with a single water chemistry parameter (problematic for their required responsibility to list impaired waters);
- Propose an arbitrary and narrow application of additional narrative standards protection to a truncated list of 'important wild rice waters', rather than all remaining and equally valuable wild rice waters;
- Are not conservative; the '4WR' distinction seems to favor certain wild rice waters without providing any rationale for why it is more important to protect them than to protect all wild rice waters;
- Propose a complicated, difficult-to-implement equation for deriving site-specific criteria that itself relies upon data that the state currently does not have.

The MPCA is already seriously behind the information curve in its failure to have an established baseline wild rice inventory in common with the MNDNR, the tribes, wildlife conservation organizations and state rice harvesters. The agency has acknowledged that it will take years to compile sediment and water quality data sufficient to implement this new proposed equation-based standard. There has been no discussion of an assessment methodology that can broadly evaluate the actual condition of our wild rice waters, instead maintaining only a narrow focus on compliance with a single parameter to identify impairment of this beneficial use. Yet, that beneficial use is defined as human and wildlife harvest and consumption! Without broad aquatic life use protection and a comprehensive condition assessment process, there cannot be an adequate water quality standards-based framework for triggering necessary restoration of degraded wild rice waters through either a total maximum daily load study or a watershed restoration strategy.

We know that the MPCA has engaged with numerous stakeholders throughout this process, both through the Wild Rice Advisory Committee and in separate meetings and communications. We know that the legislature has passed several bills severely limiting your agency's ability to implement the existing wild rice water quality standard in permitting or listing of impairments, and shielding dischargers from spending any money on compliance with the existing approved standard. This level of political constraint over the agency's Clean Water Act authorities is shocking, yet no more disturbing than the industry and Chamber of Commerce pressure and disinformation campaign that is behind it, as we have witnessed in Advisory Committee meetings, presentations to their members and supporters, and in their written comments throughout the process. While we would never expect industry or the Chamber of Commerce to champion the protection of wild rice, we certainly hold your agency to a higher standard; it is your core mission to *protect and improve the environment and enhance human health*.

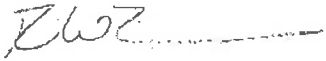
Yet, in your Draft Regulatory Analysis of costs associated with complying with the new rules, you only examine in detail dischargers' potential costs of compliance. There is no balanced analysis that genuinely shows "...a description of the classes of persons who probably will be affected by the proposed rule, including classes that will bear the costs of the proposed rule and classes that will benefit from the proposed rule", as required by statute. To date, dischargers have borne *zero* costs to comply with the existing wild rice water quality standard, and Minnesota tribes (and any Minnesotan that harvests or eats Minnesota wild rice) have lost thousands of undocumented acres of productive wild rice waters. As we see the proposed rule revisions taking shape, we can only assume that the few potentially affected dischargers will claim undue economic hardship and be granted variances from any calculated sulfate criteria. No additional ecological or habitat protections are being considered or proposed for wild rice waters, nor any bona fide assessment that determines whether the defined beneficial use is being met. Regrettably, we can only conclude that tribes will continue to bear the 'costs' of your proposed rule, and dischargers will benefit.

After more than five years of investigation, literature searches, and experimental research, you now know of many other stressors that can affect the health and sustainability of wild rice in Minnesota lakes and flowages. Yet, sadly, the end result of MPCA's apparent rejection of the recommendations and experience shared by the tribes is that this rule revision process will not result in protection of wild rice for either meeting the MPCA's defined beneficial use, or the Minnesota tribes' expressed values.

Attachment 1A

We hope you will reconsider the tribes' recommendations before you move to finalize your rule revisions. We know it will take all our efforts, working together, to protect wild rice for future generations.

Sincerely,

A handwritten signature in black ink, appearing to read "RL", followed by a horizontal line.

Robert L. Larsen
President, Lower Sioux Indian Community
Chairman, Minnesota Indian Affairs Council

cc: Robert A. Kaplan, Acting Regional Administrator US EPA Region 5
Debra Dirjam, R5 RTOC Member – Lower Sioux Environmental Director
Seth Moore, R5 RTOC Member – Grand Portage Environmental Director
Levi Brown, R5 Alternate RTOC Member – Leech Lake Environmental & Lands Director



STATE OF MINNESOTA

Office of Governor Mark Dayton

130 State Capitol • 75 Rev. Dr. Martin Luther King Jr. Boulevard • Saint Paul, MN 55155

May 9, 2018

The Honorable Kurt Daudt
Speaker of the House of Representatives
Room 463 State Office Building
100 Rev. Martin Luther King, Jr. Blvd.
St. Paul, Minnesota 55155

RE: HF 3280 Wild Rice Water Quality Standards

Dear Mr. Speaker:

I write to inform you that I have vetoed HF 3280, the Wild Rice Bill, because it is an extreme overreach that eliminates important protections for wild rice, attempts to exempt Minnesota from the federal Clean Water Act, and ensures ongoing litigation that will prolong, not relieve, the current regulatory uncertainties.

Instead, I urge Legislative Leaders to use the remainder of this Session to bring the different stakeholders together and forge a resolution that respects the federal law, provides regulatory certainty to affected companies and municipalities, and protects our priceless wild rice resource for future generations.

Wild rice is very special to Minnesota. It is essential to the culture and spirituality of many Native American Tribes in our state. In 1973, the state set a 10 mg/L sulfate standard to protect wild rice. That standard has proven to be extremely difficult to implement, due in part to the current costs of sulfate treatment. Furthermore, recent scientific studies have questioned whether the sulfate limit needs to be that low in all wild rice waters to provide the protection it needs.

However, the bill passed this week by the Legislature does not solve the law's implementation challenges or provide regulatory certainty to those industrial and municipal operations affected by it. Instead, it throws out all we have learned about wild rice and sulfate and takes Minnesota backward in our efforts to balance the necessary protections of wild rice with the economic imperatives of jobs and environmentally sound industrial progress.

The Honorable Kurt Daudt
May 9, 2018
Page 2

The bill you have sent to me is in direct conflict with federal law. If enacted, the Minnesota Pollution Control Agency (MPCA) would have to submit scientific evidence to the Environmental Protection Agency (EPA) that demonstrates how the state can repeal its current 10 mg/L sulfate standard and still protect wild rice. This puts the Agency in an impossible bind, as the research it conducted – at the direction of the Legislature – demonstrated the need for a sulfate standard to protect the growth of wild rice. Furthermore, if the Agency tried to issue any permits after the Legislature repealed the 10 mg/L standard without EPA approval of that repeal, municipalities and businesses seeking new permits could not expand or modify their discharges, creating additional regulatory limbo and litigation. Without a scientifically defensible basis for the repeal of the existing standard, the EPA should have to rule that it violates the Clean Water Act.

In 2011, the Legislature directed the MPCA to develop a new wild rice standard. Now, however, some Legislators have decided – based upon their own subjective analyses – that they do not like the science. In response, they have attempted to abolish the standard and pretend that it solves the problem.

This Legislature can do better. Minnesotans – including those whose cultural, environmental, and economic interests are invested in this complex issue – deserve much better. I, for one, believe strongly that working together, we can achieve a more ideal, workable, and sustainable solution for all the people of Minnesota.

For these reasons, today I am vetoing HF 3280 immediately to provide adequate time to resolve this issue during the remainder of this Legislative Session.

Sincerely,



Mark Dayton
Governor

cc: Senator Paul E. Gazelka, Senate Majority Leader
Senator Thomas M. Bakk, Senate Minority Leader
Senator Justin D. Eichorn, Chief Senate Author
Representative Melissa Hortman, House Minority Leader
Representative Dave Lueck, Chief House Author
The Honorable Steve Simon, Secretary of State
Mr. Cal Ludeman, Secretary of the Senate
Mr. Patrick Murphy, Chief Clerk of the House of Representatives
Mr. Paul Marinac, Revisor of Statutes



STATE OF MINNESOTA

Office of Governor Mark Dayton

130 State Capitol ♦ 75 Rev. Dr. Martin Luther King Jr. Blvd ♦ Saint Paul, MN 55155-1611

May 30, 2018

The Honorable Kurt Daudt
Speaker of the House of Representatives
463 State Office Building
100 Rev. Martin Luther King, Jr. Blvd.
St. Paul, Minnesota 55155

RE: HF 3422 Wild Rice Water Quality Standards

Dear Mr. Speaker:

I have vetoed HF 3422, the Wild Rice Bill. My administration has repeatedly expressed my commitment to protect wild rice waters without imposing unaffordable treatment costs on Minnesota cities and businesses. To continue that process, today I am issuing an Executive Order to establish a Wild Rice Task Force that will address the issues I had hoped could be part of a legislative solution in the past session.

Furthermore, until such time as cost-effective sulfate treatment technologies are available, I have instructed the MPCA Commissioner implement the federal Clean Water Act by working closely with dischargers to assure that no existing permitted facility will be required to install unaffordable treatment to meet the existing sulfate standard. Other tools authorized under the Clean Water Act will be used to protect the Agency and permitted dischargers from allegations of non-compliance.

While I do recognize that HF3422 represents some progress over previous legislation, it is not enough to make up for the rest of bill's shortcomings.

Of particular note is the inclusion of a work group process and set of tasks that were acceptable only to the bill's proponents. During the ten days my staff and MPCA staff met with stakeholders, several of my Administration's draft proposals included the creation of an inclusive work group that would focus on recommendations for documenting, protecting, and enhancing natural stands of wild rice, and for reviewing existing scientific literature. However, it appeared that the interests, who advocated for the initial bill, were principally concerned with rehashing disagreements with MPCA on the scientific research supporting the sulfate standard, and with attempting to replace the MPCA's responsibilities under state and federal laws with the authority of the work group.

Attachment 1A

The Honorable Kurt Daudt
May 30, 2018
Page 2

Giving a work group the power to decide the state's wild rice water quality standard is an unlawful delegation of authority under the federal Clean Water Act, as well as offensive to the Native American Tribes, who place great significance on wild rice. By contrast, the Task Force I am creating will provide the opportunity to bring together a diverse group of stakeholders to work on practical measures to protect and restore wild rice.

While today I am vetoing HF 3422, I also restate my desire to bring Minnesotans together and find a path forward on this important issue.

Sincerely,



Mark Dayton
Governor

cc: Lieutenant Governor Michelle Fischbach
Senator Paul E. Gazelka, Senate Majority Leader
Senator William Linnmer, President Pro Tem of the Senate
Senator Thomas M. Bakk, Senate Minority Leader
Senator Bill Ingebrigtsen, Chief Senate Author
Representative Melissa Hortman, House Minority Leader
Representative Dan Fabian, Chief House Author
The Honorable Steve Simon, Secretary of State
Mr. Cal Ludeman, Secretary of the Senate
Mr. Patrick Murphy, Chief Clerk of the House of Representatives
Mr. Paul Marinac, Revisor of Statutes

STATE OF MINNESOTA
EXECUTIVE DEPARTMENT



MARK DAYTON
GOVERNOR

Executive Order 18-08

Establishing the Governor's Task Force on Wild Rice

I, Mark Dayton, Governor of the State of Minnesota, by virtue of the authority vested in me by the Constitution and applicable statutes, do hereby issue this Executive Order:

Whereas, wild rice is the Official State Grain of Minnesota;

Whereas, wild rice is culturally important and spiritually sacred to Minnesota's Tribal Nations;

Whereas, the harvest and cultivation of wild rice is economically important to the State of Minnesota;

Whereas, the availability of wild rice is important to sustaining waterfowl and wildlife;

Whereas, the health of wild rice is dependent on water quality and other habitat conditions;

Whereas, the scientific understanding of the water quality and habitat conditions necessary for restoration and protection of naturally occurring wild rice has advanced through legislatively-funded research;

Whereas, the State of Minnesota has goals to restore degraded wild rice habitat and to protect naturally occurring wild rice stands; and

Whereas, the restoration and protection of wild rice habitat requires collaboration among state agencies, Tribal Nations, wild rice harvesters, industry, conservation advocacy groups, and scientists.

Now, Therefore, I hereby order that:

1. The Governor's Task Force on Wild Rice ("Wild Rice Task Force") is established with the following members to be appointed by the Governor:
 - a. one representative nominated by the Minnesota Indian Affairs Council;
 - b. one representative nominated by the Minnesota Chippewa Tribe;

- c. two independent scientists with expertise in wild rice research and plant-based aquatic toxicity;
 - d. one non-native wild rice harvester;
 - e. one representative from the ferrous mining industry;
 - f. one representative from the non-ferrous mining industry;
 - g. one representative from a municipal wastewater discharger;
 - h. one representative of an electric utility;
 - i. one representative of a statewide labor organization;
 - j. two representatives from environmental nongovernmental organization; and
 - k. one representative each from the Department of Natural Resources and the Minnesota Pollution Control Agency appointed by the commissioner of each entity to serve as an ex officio member.
2. The Wild Rice Task Force must review existing peer-reviewed scientific literature, both state-sponsored and otherwise, to identify information that is available to inform understanding of the impacts of sulfate or other sulfur compounds or habitat conditions on wild rice. The Wild Rice Task Force shall also identify information gaps in the scientific literature and make recommendations on priorities for wild rice research.
3. The Wild Rice Task Force will prepare a report addressing the following questions:
 - a. Which water bodies used for producing wild rice should be added to or removed from the list of wild rice waters identified in Minn. R. 7050.0470, subpart 1 and part 7050.0471 subparts 3 through 9 in the Revisor's draft of rules proposed by the Minnesota Pollution Control Agency dated March 16, 2018?
 - b. What are the best management practices necessary for restoration and protection of natural wild rice stands?
 - c. What is the condition of wild rice waters downstream of selected permitted wastewater dischargers?
 - d. Are there any potential mitigating factors for wild rice to grow in waters with sulfate concentrations greater than 10 mg/L?
 - e. What is the level of funding needed and sources of potential funding to support: data collection and research; restoration and protection activities; best management practices; sulfate minimization plans; and the development and installation of cost-effective sulfate treatment technologies?
4. The Wild Rice Task Force will be convened by the Environmental Quality Board which may contract for consulting and facilitation services. The Department of Natural Resources and the Minnesota Pollution Control Agency will provide technical expertise to support the Wild Rice Task Force.
5. The Wild Rice Task Force shall deliver its completed report to the Governor by December 15, 2018.
6. After receiving the completed Wild Rice Task Force report the Governor shall transmit the report to the chairs and minority leads of the Minnesota House and Senate environmental policy committees and to the Minnesota Tribal Nations.


7. On behalf of the Governor, the Environmental Quality Board will engage in formal consultation with Minnesota Tribal Nations on the recommendations contained in the Wild Rice Task Force report.

This Executive Order is effective fifteen days after publication in the State Register and filing with the Secretary of State, and shall remain in effect until rescinded by proper authority or until it expires in accordance with Minnesota Statutes, Section 4.035, subdivision 3.

In Testimony Whereof, I have set my hand on this 30th day of May, 2018.


Mark Dayton
Governor

Filed According to Law:


Steve Simon
Secretary of State



RESOLUTION 82-18

WHEREAS, the Minnesota Chippewa Tribal Executive Committee is the duly elected governing body of the Minnesota Chippewa Tribe, comprised of six member reservations (Bois Forte, Fond du Lac, Grand Portage, Leech Lake, Mille Lacs, and White Earth), and

WHEREAS, the Tribal Executive Committee, comprised of the Chairpersons and Secretary/Treasurers from the six constituent bands of the Minnesota Chippewa Tribe, is the duly elected governing body of the Tribe; and

WHEREAS, our people have lived along the lakes, rivers, and streams of northern Minnesota since time immemorial and Mother Earth has blessed our homelands with an abundance of clean water where our sacred manoomin (wild rice) flourishes; and

WHEREAS, manoomin holds a unique and sacred place in the lives and traditions of the Minnesota Chippewa Tribe and our over 41,000 members; and

WHEREAS, decreasing water quality and environmental degradation caused by irresponsible development poses an existential threat to our sacred manoomin and in turn our way of life; and


WHEREAS, the Minnesota Chippewa Tribe appreciates Governor Mark Dayton's recent efforts to protect wild rice by ensuring that water quality standards are not undermined and supports the creation of a wild rice task force provided that each of the member reservations of the MCT be provided a separate seat on the task force; and

BE IT RESOLVED, that the Minnesota Chippewa Tribe Tribal Executive Committee does authorize each member reservation of the MCT to appoint an individual to sit on the wild rice task force recently created by Governor Mark Dayton.

We do hereby certify that the foregoing Resolution was duly presented and acted upon by a vote of 10 For, 0 Against, 0 Silent, at a Special Meeting of the Minnesota Chippewa Tribal Executive Committee, a quorum present, held on May 31, 2018 in Walker, Minnesota.



Kevin R. Dupuis, Sr., President
THE MINNESOTA CHIPPEWA TRIBE



Melanie Benjamin, Secretary
THE MINNESOTA CHIPPEWA TRIBE

June 20, 2018

Governor Mark Dayton
130 State Capitol
75 Rev. Dr. Martin Luther King Jr. Blvd
Saint Paul, Minnesota 55155

VIA U.S. MAIL

Re: Executive Order 18-08 Establishing the Governor's Task Force on Wild Rice

Dear Governor Dayton:

The Minnesota Chippewa Tribe is a federally recognized Indian tribe comprised of six constituent Bands of Anishinaabe: Bois Forte, Fond du Lac, Grand Portage, Leech Lake, Mille Lacs, and White Earth. Together, we comprise the over 40,000 members of the Minnesota Chippewa Tribe.

The Minnesota Chippewa Tribe appreciates your recent efforts to protect wild rice by ensuring that water quality standards are not undermined. The Minnesota Chippewa Tribe supports the creation of the wild rice task force provided that each of the member reservations of the Tribe be provided a separate seat on the task force.

In a Tribal Executive Committee meeting, held on May 31st in Walker, MN, the Minnesota Chippewa Tribe acted on the attached Resolution 82-18, which authorized each member reservation to appoint an individual to sit on your recently created wild rice task force. For this reason, we ask that you consider adding the seats for these appointments.

Miigwech (thank you) for your consideration of our request.

Sincerely,



Kevin R. Dupuis Sr.
President

Attachment:



STATE OF MINNESOTA

Office of Governor Mark Dayton

130 State Capitol + 75 Rev. Dr. Martin Luther King Jr. Blvd + Saint Paul, MN 55155-1611

June 27, 2018

Ms. Cathy Chavers
Chairwoman
Bois Forte Band of Chippewa
5344 Lakeshore Drive
Nett Lake, Minnesota 55772

Mr. Norman W. Deschampe
Chairman
Grand Portage Band of Lake Superior Chippewa
PO Box 428
Grand Portage, Minnesota 55605

Mr. Brian Pendleton
President
Lower Sioux Indian Community
39527 Res Highway 1
PO Box 308
Morton, Minnesota 56270

Ms. Shelley Buck
President
Prairie Island Indian Community
5636 Sturgeon Lake Road
Welch, Minnesota 55089

Mr. Charles Vig
Chairman
Shakopee Mdewakanton Sioux Community
2330 Sioux Trail NW
Prior Lake, Minnesota 55372

Mr. Terrence Tibbetts
Chairman
White Earth Nation
PO Box 418
White Earth, Minnesota 56591

Mr. Kevin Dupuis, Sr.
Chairman
Fond du Lac Band of Lake Superior Chippewa
1720 Big Lake Road
Cloquet, Minnesota 55720

Mr. Faron Jackson, Sr.
Chairman
Leech Lake Band of Ojibwe
115 6th Street North West
Cass Lake, Minnesota 56633

Ms. Melanie Benjamin
Chief Executive
Mille Lacs Band of Ojibwe
43408 Oodena Drive
Onamia, Minnesota 56359

Mr. Darrell G. Seki, Sr.
Chairman
Red Lake Band of Chippewa Indians
PO Box 550
Red Lake, Minnesota 56671

Mr. Kevin Jensvold
Chairman
Upper Sioux Community
5722 Travers Lane
PO Box 147
Granite Falls, Minnesota 56241

Dear Tribal Leaders:

I received copies of the Resolutions passed by the Minnesota Chippewa Tribe and the Minnesota Indian Affairs Council, regarding appointments to the Wild Rice Task Force. I understand and respect your wanting to have each Tribal Nation select an individual for appointment to the Task Force.

Tribal Leaders Wild Rice
June 27, 2018
Page 2

Unfortunately, Minnesota Statutes 15.0593 limits task forces, councils, and committees created by executive orders to no more than fifteen members. Executive Order 18-08, establishing the Governor's Task Force on Wild Rice, currently provides for twelve members, plus one representative from the Minnesota Department of Natural Resources and one representative from the Minnesota Pollution Control Agency.

I recognize that each of Minnesota's Tribal Nations are sovereign and deserve to participate equally in this process. For this reason, my Executive Order directs the Environmental Quality Board (EQB) to engage in formal consultations with all Minnesota Tribal Nations on the Wild Rice Report's recommendations. You should have received a letter from EQB Chair Dave Frederickson seeking formal consultation with you before the Task Force begins its work, preferably before September 1st.

I recognize that those formal consultations are not substitutes for seats on the Wild Rice Task Force, nor are they intended to be. They are opportunities for each sovereign nation to engage with my administration on wild rice protection and to share your expertise. I hope that you will participate in them.

Further, I have heard that the Dakota Tribes and Red Lake Nation are concerned that they do not have designated appointments to the Task Force. After consultation with MIAC Executive Director Dennis Olson, I will be amending Executive Order 18-08, adding one representative nominated by the four Minnesota Dakota Tribes and substituting one representative nominated by Red Lake Nation for the current nomination by the Minnesota Indian Affairs Council.

Given the limitations on membership imposed by Minnesota law, I hope you will be able to accept this change as a reasonable compromise. I respectfully ask the Minnesota Chippewa Tribe, the Dakota Tribes, and Red Lake Nation to submit your nominations for appointments to the Wild Rice Task Force by Friday, July 6. I thank you for your partnership in this important work.

Sincerely,


Mark Dayton
Governor

cc: Gary Frazer, Executive Director, Minnesota Chippewa Tribe
Dennis Olson, Executive Director, Minnesota Indian Affairs Council

STATE OF MINNESOTA
EXECUTIVE DEPARTMENT



MARK DAYTON
GOVERNOR

Executive Order 18-09

Amending Executive Order 18-08: Establishing the Governor's Task Force on Wild Rice

I, Mark Dayton, Governor of the State of Minnesota, by virtue of the authority vested in me by the Constitution and applicable statutes, do hereby issue this Executive Order:

Whereas, Executive Order 18-08 was filed on May 30, 2018, providing for the establishment of the Governor's Task Force on Wild Rice;

Whereas, to amend Executive Order 18-08 subsection 1 located on pages 1 and 2.

Now, Therefore, I hereby order that subsection 1 be amended to read as follows:

1. The Governor's Task Force on Wild Rice ("Wild Rice Task Force") is established with the following members to be appointed by the Governor:
 - a. one representative nominated by the Minnesota Chippewa Tribe;
 - b. one representative nominated by the four Minnesota Dakota Tribes, which include the Shakopee Mdewakanton Sioux Community, Prairie Island Indian Community, Lower Sioux Indian Community, and Upper Sioux Community;
 - c. one representative nominated by Red Lake Nation;
 - d. two independent scientists with expertise in wild rice research and plant-based aquatic toxicity;
 - e. one non-native wild rice harvester;
 - f. one representative from the ferrous mining industry;
 - g. one representative from the non-ferrous mining industry;
 - h. one representative from a municipal wastewater discharger;
 - i. one representative of an electric utility;
 - j. one representative of a statewide labor organization;

- k. two representatives from environmental nongovernmental organization;
and
- l. one representative each from the Department of Natural Resources and the Minnesota Pollution Control Agency appointed by the commissioner of each entity to serve as an ex officio member.

This Executive Order is effective fifteen days after publication in the State Register and filing with the Secretary of State, and shall remain in effect until rescinded by proper authority or until it expires in accordance with Minnesota Statutes, Section 4.035, subdivision 3.

In Testimony Whereof, I have set my hand on this 28th day of June, 2018.



Mark Dayton
Governor

Filed According to Law:



Steve Simon
Secretary of State



*Letter to Governor Mark Dayton
August, 21, 2018*

We had an opportunity earlier this week to discuss the Wild Rice Task Force and direct government-to-government consultation with you. During this consultation, both the State and Tribal leadership present indicated a willingness to consider an alternative model or process to establishing a task force that will address concerns with protecting wild rice and clean water. The Tribal Executive Committee of the Minnesota Chippewa Tribe is supportive of pursuing the development or restructure of the process and the model that was previously selected by the state. As discussed at our meeting at the Capitol, we will be in contact directly with you, the Governor of Minnesota, to establish this 'alternative model' including discussing the focus and membership of this body. We believe that engaging in consultation with you complies with the resolution attached to this letter. Direct consultation with you would also strengthen our government-to-government relationship and ensure that Executive Order 13-10 is implemented properly.

Sincerely,

A handwritten signature in black ink, appearing to read "K. Dupuis, Sr.", with a stylized flourish at the end.

Kevin R. Dupuis, Sr.
President

RESOLUTION 107-18

- WHEREAS,** the Minnesota Chippewa Tribe is comprised of six member reservations (Bois Forte, Fond du Lac, Grand Portage, Leech Lake, Mille Lacs, and White Earth); and
- WHEREAS,** the Tribal Executive Committee is the duly elected governing body of the Minnesota Chippewa Tribe and is comprised of the Chairpersons and Secretary/Treasurers from the six bands; and
- WHEREAS,** our people have lived along the lakes, rivers, and streams of northern Minnesota since time immemorial and Mother Earth has blessed our homelands with an abundance of clean water where our sacred manoomin (wild rice) flourishes; and
- WHEREAS,** manoomin is not simply a resource, it played a central role in the migration of Ojibwe and continues to hold a unique and sacred place in the lives and traditions of the Minnesota Chippewa Tribe and our over 41,000 members; and
- WHEREAS,** decreasing water quality and environmental degradation caused by irresponsible development and inadequate enforcement of the Clean Water Act pose an existential threat to our sacred manoomin and in turn our way of life; and
- WHEREAS,** it is critically important to protect clean water and the best way to protect water in today's society is to properly enforce the Clean Water Act; and we ask that the Governor of the State of Minnesota and Minnesota Pollution Control Agency to uphold State Water Quality Standards and the Clean Water Act; and
- WHEREAS,** on May 30, 2018, Governor Mark Dayton filed Executive Order 18-08 which provided for the establishment of the Governor's Task Force on Wild Rice; and
- WHEREAS,** the Governor's Task Force on Wild Rice was charged with reviewing scientific literature to identify information related to the impacts of sulfate or other sulfur compounds or habitat conditions on wild rice and shall prepare comments that address environmental conditions that contribute to wild rice population declines; and
- WHEREAS,** Executive Order 18-08 provided that the Governor's Task Force on Wild Rice would be comprised of: one representative nominated by the Minnesota Indian Affairs Council; one representative nominated by the Minnesota Chippewa Tribe; two independent scientists with expertise in wild rice research and plant-based aquatic toxicity; one non-native wild

Resolution 107-18
Page 2 of 4
August 21, 2018

rice harvester; one representative from the ferrous mining industry; one representative from the non-ferrous mining industry; one representative from a municipal wastewater discharger; one representative from an electric utility; one representative from a statewide labor organization; two representatives from environmental nongovernmental organizations; and one representative each from the DNR and MPCA to serve as ex officio members; and

WHEREAS, the Minnesota Chippewa Tribe responded to Executive Order 18-08 by passing a resolution and sending a correspondence to Governor Dayton informing him that each Band of the Minnesota Chippewa Tribe would like to have one representative on the Governor's Task Force on Wild Rice; and

WHEREAS, Governor Dayton responded by informing the Minnesota Chippewa Tribe that the composition of the Governor's Task Force on Wild Rice was governed by Minnesota Statutes 15.0593 and only fifteen (15) representatives could be appointed to the task force in question; and

WHEREAS, on June 28, 2018, Governor Mark Dayton filed Executive Order 18-09 which amended Executive Order 18-08 and changed the composition of the task force in the following manner: the representative appointed by the Minnesota Indian Affairs Council was deleted; one representative was to be nominated by the four Minnesota Dakota Tribes; and one representative was to be nominated by the Red Lake Nation; and

WHEREAS, the proposed composition of the Governor's Task Force on Wild Rice does not respect the sovereignty of the eleven federally-recognized Indian Tribes, Bands, and Communities in the State of Minnesota, and our unique status as federally recognized tribes that have guaranteed usufructory rights by Treaties, and

WHEREAS, the proposed Wild Rice Task Force composition does not acknowledge that Indian tribes will be disproportionately affected by the loss of a usufructory property rights directly related to legislation prohibiting enforcement of existing water quality standards and the composition minimizes the technical expertise, knowledge, and interests of Indian tribes; and

WHEREAS, the proposed Wild Rice Task Force composition directly relegates the Tribes to the status of special interest groups and industry rather than honoring Tribal sovereignty; and

Resolution 107-18
Page 3 of 4
August 21, 2018

WHEREAS, treating Indian tribes like special interest groups is disrespectful and contrary to Executive Order 13-10 which provides that "[a]ll Executive Branch agencies of the State of Minnesota shall recognize the unique legal relationships between the State of Minnesota and the Minnesota Tribal Nations, respect the fundamental principles that establish and maintain this relationship, and accord Tribal Governments the same respect accorded to other governments"; and

WHEREAS, the proposed composition of the Governor's Task Force on Wild Rice is similar to the MPCA Wild Rice Advisory Board where during the process and through consultation, the comprehensive comments provided on behalf of Indian tribes to the MPCA was disregarded entirely and not incorporated in the proposed wild rice rule; and

WHEREAS, the Tribal Executive Committee of the Minnesota Chippewa Tribe finds that it is in the Tribe's best interest to decline/reject the Governor's offer to participate in the Governor's Task Force on Wild Rice and instead will form a task force of its own expertise by inviting the other federally recognized Indian tribes in Minnesota to participate in gathering and reviewing information, preparing comments, and recommendations; and

BE IT RESOLVED, that the Minnesota Chippewa Tribe declines the Governor's offer to participate in the Governor's Task Force on Wild Rice; and

BE IT FURTHER RESOLVED, that the Minnesota Chippewa Tribe hereby establishes the Tribal Wild Rice Task Force which will be comprised, provided that such other federally-recognized tribes in Minnesota choose to participate, of:

- a. two representatives nominated by the Bois Forte Band;
- b. two representatives nominated by the Fond du Lac Band;
- c. two representatives nominated by the Grand Portage Band;
- d. two representatives nominated by the Leech Lake Band;
- e. two representatives nominated by the Mille Lacs Band;
- f. two representatives nominated by the White Earth Band;
- g. two representatives nominated by the Red Lake Nation;


Resolution 107-18
Page 4 of 4
August 21, 2018

- h. two representatives nominated by the Lower Sioux Indian Community;
- i. two representatives nominated by the Prairie Island Indian Community;
- j. two representatives nominated by the Shakopee Mdewakanton Sioux Community; and
- k. two representatives nominated by the Upper Sioux Community.

BE IT FURTHER RESOLVED, that the Tribal Wild Rice Task Force will review existing literature, including literature and information based on tradition, culture, and science, that is available to inform the understanding of the impacts of sulfate or other sulfur compounds on habitat conditions on wild rice, identify information gaps, make recommendations on priorities for wild rice research and prepare a report with recommendations in a similar fashion to that included in Executive Order 18-08, and provide such report to the Governor by December 15, 2018; and

BE IT FINALLY RESOLVED, that this Resolution shall serve as an official invitation to the other federally-recognized tribes in Minnesota to participate in the Tribal Wild Rice Task Force, shall serve as the official response to Governor Mark Dayton concerning the Governor's Task Force on Wild Rice, and shall serve as notice to the State of Minnesota and its agencies that the Minnesota Chippewa Tribe will only participate in government to government consultation on this issue with the Governor or an appropriately high ranking official.

We do hereby certify that the foregoing Resolution was duly presented and acted upon by a vote of 9 For, 0 Against, 0 Silent, at a Special Meeting of the Minnesota Chippewa Tribal Executive Committee, a quorum present, held on August 21, 2018 in Onamia, Minnesota.



Kevin R. Dupuis, Sr., President
THE MINNESOTA CHIPPEWA TRIBE



Melanie Benjamin, Secretary
THE MINNESOTA CHIPPEWA TRIBE

Community Assessment Report

A look into the Prairie Island Community Assessment Magazine: results, reports, and upcoming projects/events



About This Report

This past January we held our first ever Winter Carnival in order to promote the Community Assessment. The Community Assessment was designed to be a collaborative and participative process that systematically examines a range of community needs in order to inform social and economic change and begin the process of strengthening the community and their needs. With your help, we were able to collect very valuable information and brainstorm how we can better address your needs! In order to better the community, we want to share all the information we have collected with you!

What's inside:



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We would love to share our data and knowledge with you. If you have any questions or want to know more about report, please feel free to contact anyone on the findings or contacts page. You can also stay connected and up to date on future projects and events by checking out the Facebook pages and our articles in the Tinta.

FOOD SOVEREIGNTY



Defined "food deserts" in Minnesota



Having access to fresh, healthy, and traditional foods will improve overall health

Over 80% of respondents rely on grocery stores as their main food source; with the majority of respondents (42%) saying they travel between 5-15 miles to purchase food, and roughly 20% of respondents saying they travel between 15-30 miles

Have you heard of "food deserts"? While Prairie Island doesn't necessarily fall into the USDA definition of a "food desert", the fact that such a large percentage of the community travels so far for a grocery store is part of what the USDA looks at when defining "food desert". Food sovereignty is defined by people self-determining their access and relationship to food and their food ways. Perhaps one way for us as a community to do this is to control the resources a grocery store would typically provide us.

88% of respondents felt that PIIC has health issues related to food and diet; and 82% of respondents felt that those health issues would improve with access to fresh, healthy, and traditional foods in our community

We've all heard that "you are what you eat", but what you eat depends upon what is available and accessible to you. Bringing fresh, healthy, and traditional foods to our community is a great way to heal and prevent health issues in our community for generations to come.

84% of respondents felt that access to fresh produce on the reservation would be useful in improving their food resources

This is a huge part of harnessing food sovereignty as a community. Assessing what we feel is the most useful, and relevant to the community and our needs will help guide us as we continue to shape what food sovereignty should look like on Prairie Island.

Questions or Concerns?

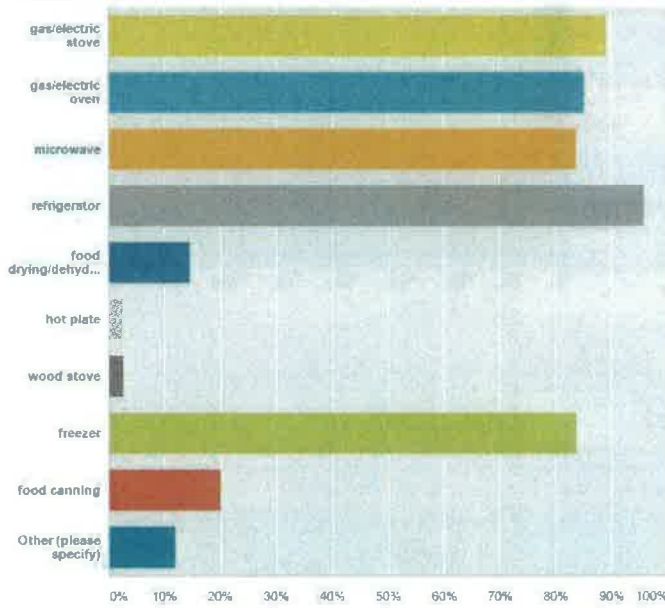
Kachina Yeager

kachinayeager@live.com

FOOD SOVEREIGNTY DATA

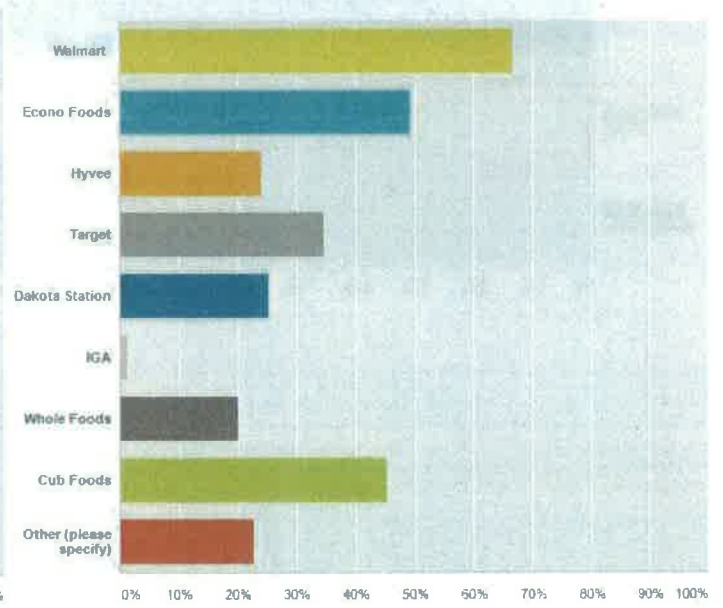
Which of the following equipment or methods for food storage and preparation do you use in your home (check all that apply)?

Answered: 75 Skipped: 0



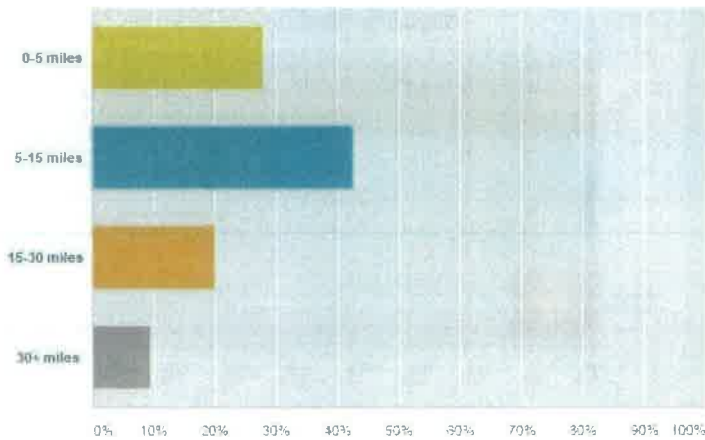
If you purchase your food from a grocery store, please select the stores that you most commonly purchase from below:

Answered: 75 Skipped: 0



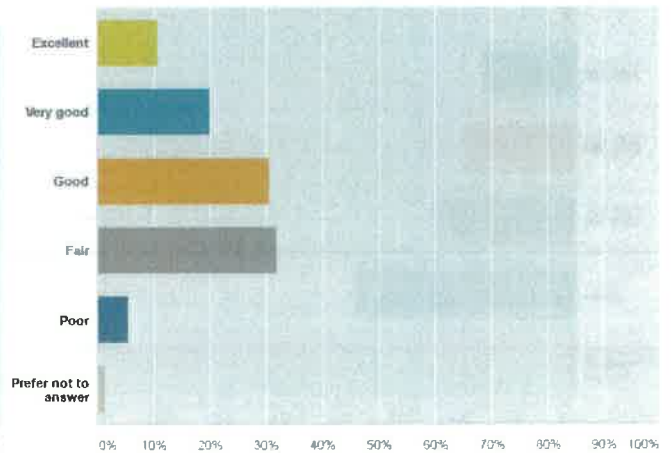
On average, how far do you travel to purchase your food?

Answered: 75 Skipped: 0



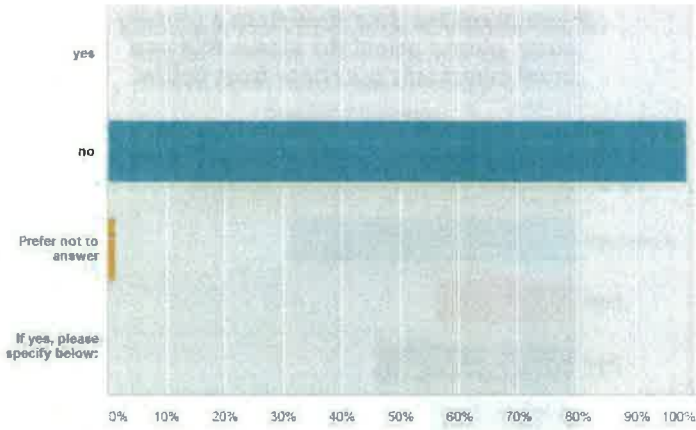
How would you rate the nutritional quality of your diet?

Answered: 75 Skipped: 0



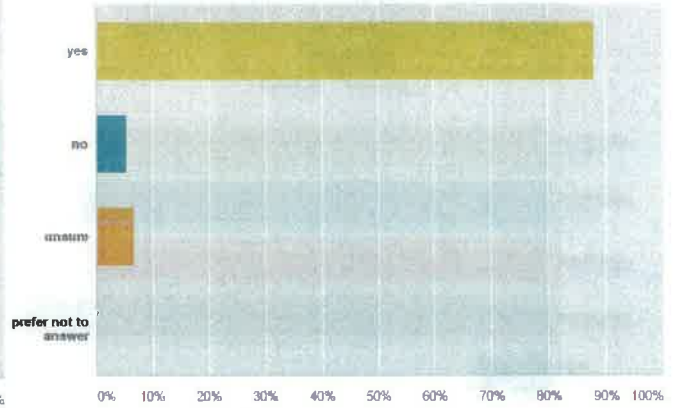
**Do you use any food assistance programs?
(example: Food Stamps, WIC, FDIPIR, etc)**

Answered: 75 Skipped: 0



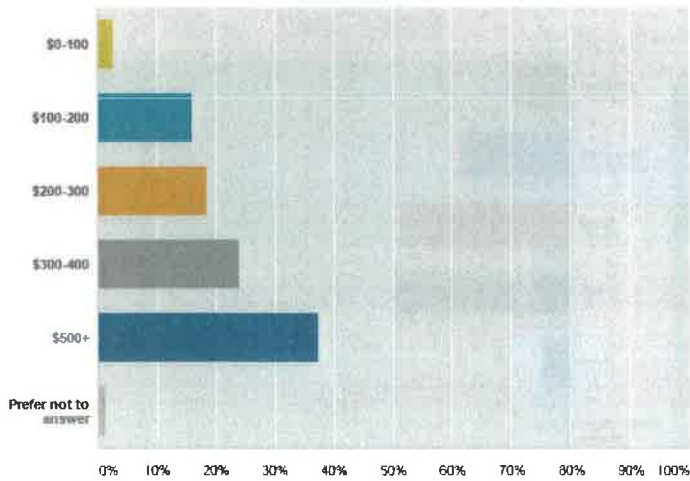
Do you feel that health issues (such as diabetes, heart disease, etc) in your community are related to food and diet?

Answered: 75 Skipped: 0



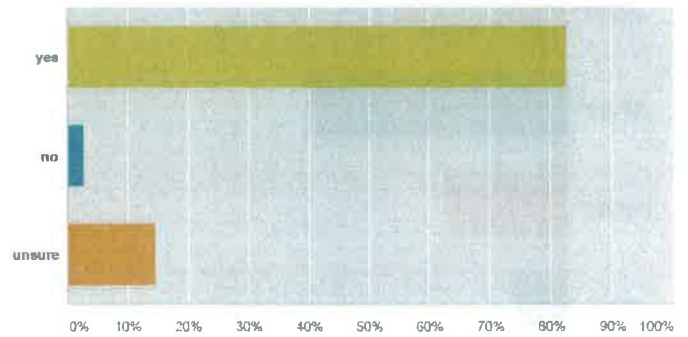
On average, how much would you say you spend on groceries per month?

Answered: 75 Skipped: 0



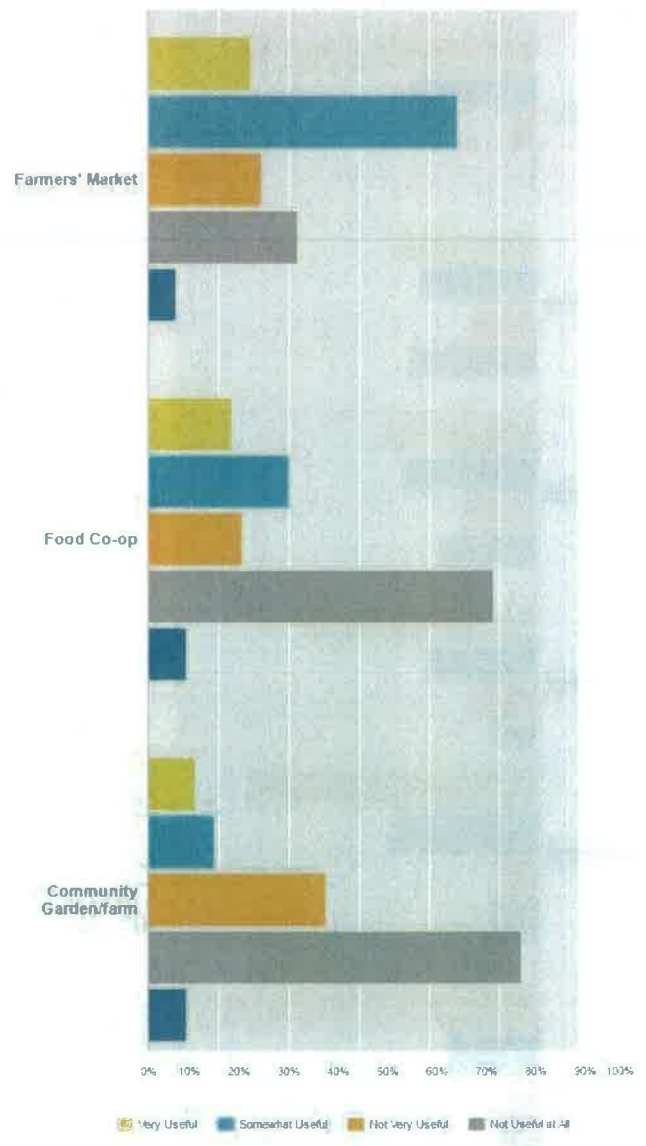
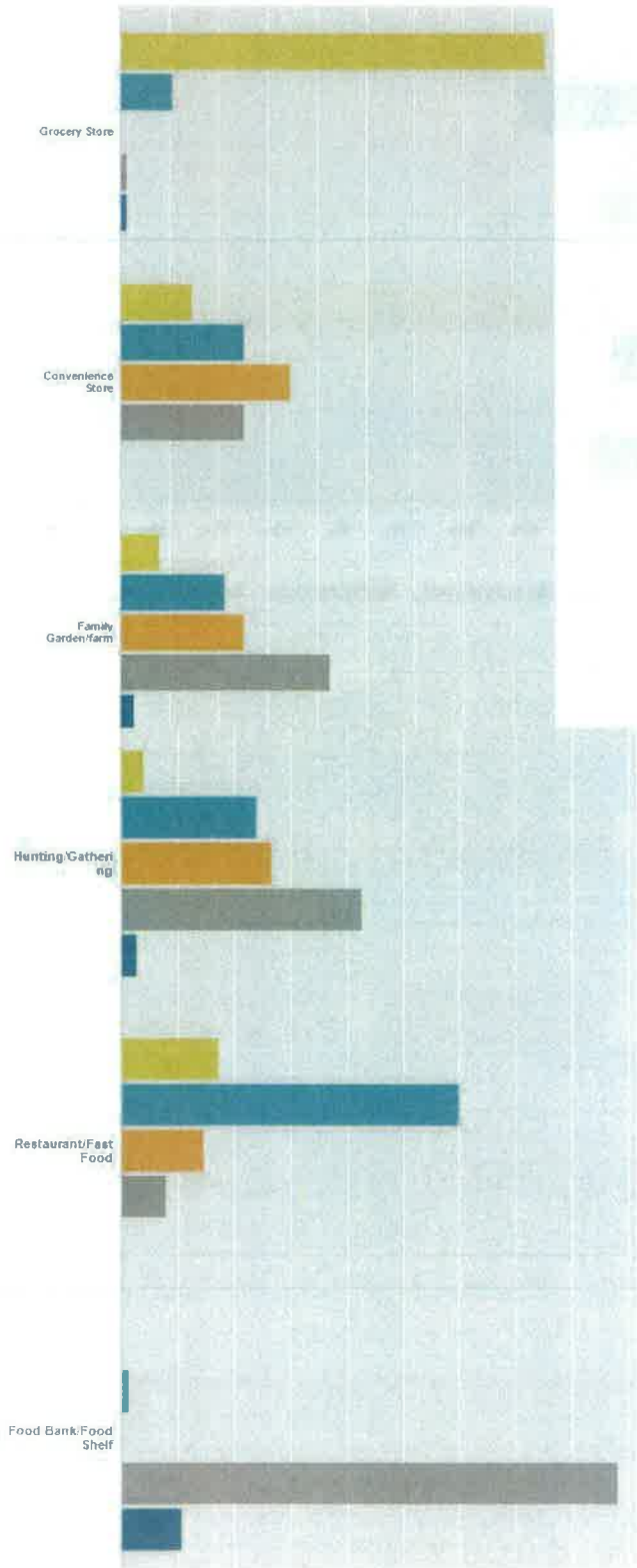
Do you think health issues in your community would improve if there were greater access to fresh, healthy, and traditional foods?

Answered: 75 Skipped: 0



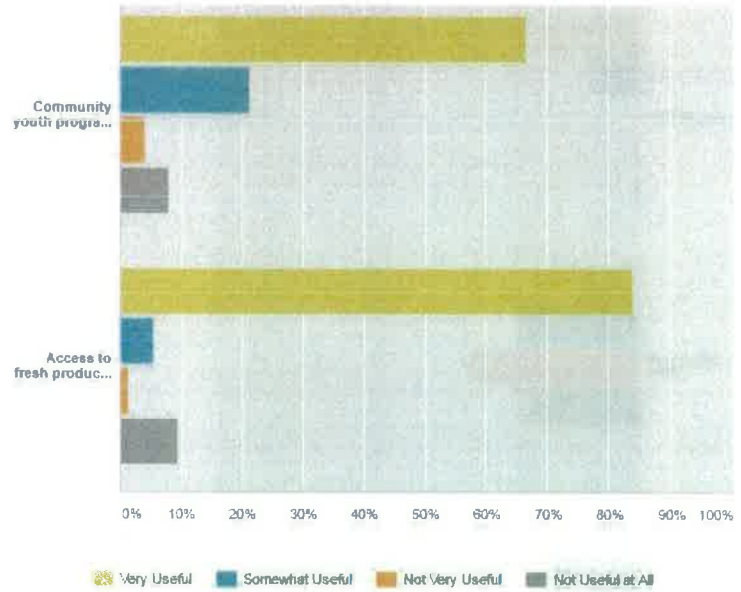
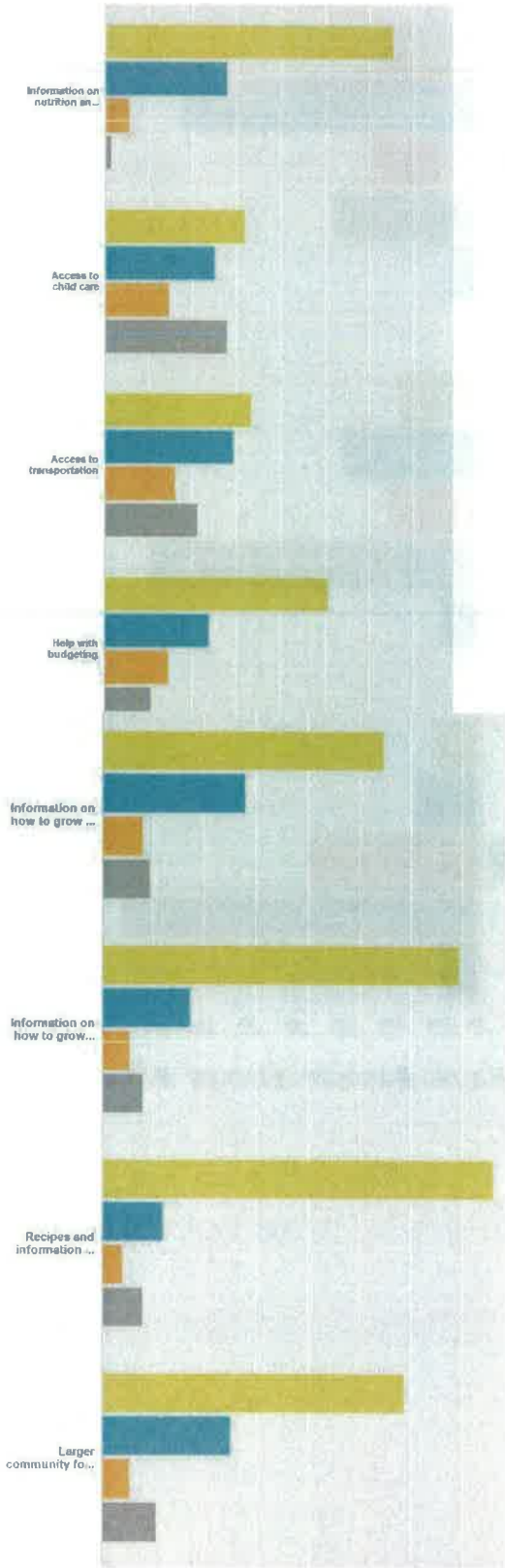
How much do you rely on the following as a main food source?

4 answers: 70% 100% 0% 0%



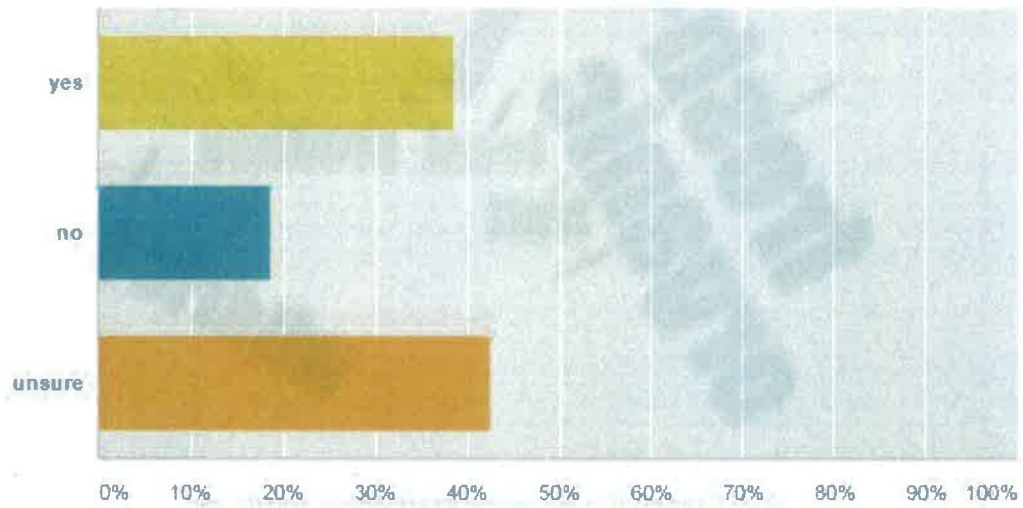
Which of the following do you think are useful, or would be useful, in improving your food resources?

Attachment 2A Missouri 8



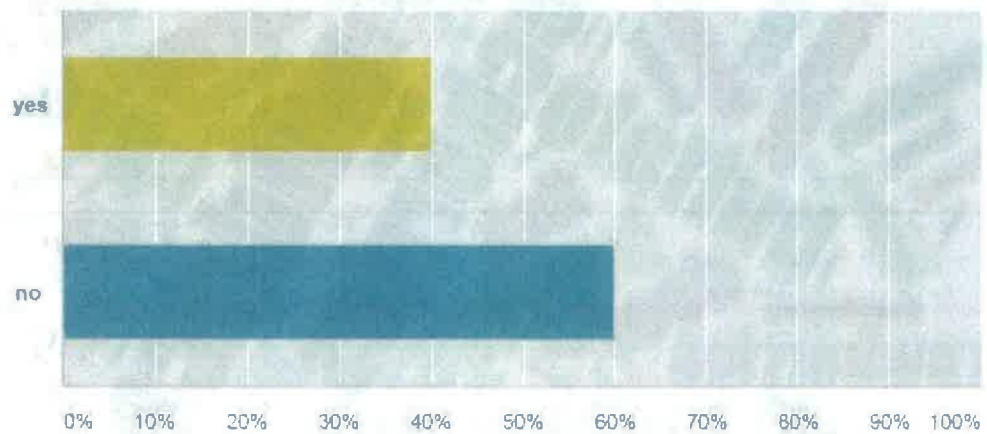
Do you think young people in your community are interested in food traditions?

Answered: 75 Skipped: 0



Do you have any suggestions about how to get young people interested in food traditions? If yes, please elaborate.

Answered: 75 Skipped: 0



Q18 If you could tell your tribal or community leaders anything about food and hunger issues in your community, what would you tell them?

- The importance of having the elders leading the youth
- Providing less junk food at community events
- Cooking and traditional food classes for all ages
- Reconnecting with our land is important to food issues
- Encouraging healthy parenting on food and health habits
- Increasing access to traditional foods in order to teach about them
- Providing better access to healthier, fresher food in order to provide people with options
- Try having community members cater events with healthier or more traditional foods rather than casino catering
- We need to utilize our land to grow our own foods that we all decide what to grow for the community
- Food is healthcare
- Greater youth outreach

Q19 Any additional comments on Food Sovereignty:

- Becoming as self-sufficient as possible would benefit our community greatly
- Coop or grocery store with a larger organic selection would help keep our community healthy and strong
- We need to introduce more traditional foods into community events
- We already have a garden, and not many people use it. Mass food production on Prairie Island wouldn't be profitable

FAMILY HEALTH



Look out for future information on the PIIC Pharmacy



Pool in Treasure Island

Questions or Concerns?

Mary Wells: 651-385-4187

Beth Kisskeys: 651-385-4143

Deb Miller: 651-385-4145

24% of respondents believe there is a lack of information

Family Health Services hosts monthly educational events, which are all posted in the Tinta, throughout the facilities, and on the website. Information is also relayed by word of mouth and calling.

44% of respondents want more education related to Diabetes and Mental Health Services

Our vision is to bring on a Diabetes Educator that will be able to set up and guide nutritional goals. Our Nutritionist, Sarah Gorter, is available three times a week to help with goal setting and meal planning. She also knows that traditional food is valuable and important to the community.

Mental Health Services is offered at the Prairie Island Clinic with Dr. Kenneth L. Dennis, PhD. He specializes in the treatment of people with emotional, cognitive, and behavioral disabilities 1-800- 595- 4053.

Family Services offers a wide range of counseling and help for those in the community. A Treatment Center has been discussed and put into consideration. Look out for more information soon!

Services that you were interested in:

Eye Care and Physical Therapy

We are currently looking into a water exercise program now that the pool, in Treasure Island, is finished. Physical Therapy is a huge part of rehabilitation. Tribal Plan covers 1,200 for chiropractic services. Eye plan in the self-funded Tribal Plan covers 1,500. A soon to be Pharmacy is being added to the services at the clinic.

Contacts

Food Sovereignty:

Kachina Yeager

Email: kachinayeager@live.com | Phone: 651-323-8361

Family Health:

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Beth Kisskeys

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Deb Miller

Email: debra.miller@piic.org | Phone: 651-385-4145

Nicole Staudt

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Sarah Gorter

Email: sarah.gorter@piic.org | Phone: 651-385-4127

Land & Environment:

Gabe Miller

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Leya Charles

Email: leya.charles@piic.org | Phone: 651-385-4115

Libby Wanner

Email: libby.wanner@piic.org | Phone: 651-385-4262

MUSEUM NEWS

THE W. H. OVER
DAKOTA MUSEUM

UNIVERSITY OF SOUTH DAKOTA

VERMILLION, S. DAK.

VOL. 28, NOS. 5-6

MAY-JUNE 1967



To Fly Away (Sam Hauley), a Nebraska Santee Dakota dancer, taken about 1918. Note the Woodland type ribbonwork and beadwork on this man's costume, reflecting the eastern locale of the Santee as compared to the Middle and Teton divisions of the Dakota tribe. (Photograph from the Fugle estate)

SOME NOTES ON THE SANTEE

by

Ella Deloria

(Editor's note: In our last (March-April) issue we presented a short monograph on the Yankton Dakota by Ella Deloria. In this issue we are happy to offer further material by Miss Deloria, but this time dealing with the Santee, or Eastern Dakota. This material was collected by Miss Deloria from Santee informants of Prairie Island Community, near Red Wing, Minnesota several years ago. JH)

Santee Dakota Suicide

This, they say, is true. It has been related by our people since early times. South of Red Wing is a town named Lake City; and across the river from it there is a great rock, a cliff that is hdihéya (T. g.lihéya, perpendicular; and it is there that a Santee young woman committed suicide.

It was this way: There was a young man in the tribe who wanted her for his wife, and gave many handsome gifts to her people so that he might have her. She did not want him for she did not care for him (pidášni) so she avoided him but he still followed after her all the time.

Many a man would be insulted and ashamed by being refused in marriage, and would leave the tribe; but this one either had no pride or his desire for the girl overcame all his natural pride. He stayed by, all the time, and wherever she went he peered around, and followed after her, always keeping in the offing in such a way that he annoyed her to distraction.

Then came a time when the Dakota men were going to war; all manly young men had pledged themselves to go, in an open ceremony at the dance. But this particular man did not join them; instead he stayed away from the center of activity.

This shamed the girl all the more: to think that the kind of man who desired her should be the kind that would be afraid of war! So she was now doubly irritated; by his persistence against her wishes, and by his cowardly attitude towards war.

"I will go to war myself," she declared. In those days, Dakota women sometimes

went to war. Usually to accompany their men whom they loved; but often too to show their disgust for certain men who appeared to dread going. So this handsome young woman now quietly determined to go; but only her family knew it. She made the usual preparations; many pairs of moccasins and packs of pounded dried meat. (pápa is Teton and Yankton for dried meat; waćóniċa is the word among these people; waćóniċa sáka, usually. See in my dictionary for ċonċa; wa; sáka.)

Her sisters and cousins who loved her begged her to desist, but she was determined. At last the party started out, and they came to the base of this rock I mentioned at the first. (This is now called "Maiden Rock" on the map. ECD.)

And as they were camping, for there was a great host of them going against the Ojibwa, she suddenly saw the man who haunted her continually; he was hiding nearby but keeping her always in sight. She was angry to think he was not man enough to come to war, but was now coming simply on her account. She told somebody that she had seen him, and that her desire to be rid of him forever was paramount.

She went around the huge rock, following a small ravine that led upward towards the back side of the rock, the sloping side.

The first thing people knew, she was singing a song. Now what this song was, I do not know. Nobody knows it now, and all they ever say of it is, "She was singing a wiwakuze song." Now, what wiwakuze means, exactly, I do not know; nobody uses the word any longer; that is simply what they call it, wiwakuze. She was singing a wiwakuze song, so the big men below said, "Wa! Pá wikóške ki šicáya tákeya dó; Ektá yápi yó!" (Ah! That young woman is saying something portentous; go to her!) But before they could even start, she pulled her shawl over her head (Šiná póšmiċota iyékiye--Shawl, póšmiċota means pulled overhead, in Santoe; ša, head; ošmiċota, I cannot translate.) and leaped into the abyss below. When they recovered her body, no bone was broken only once; rather twice or more each, they say.

And that is the true story of Maiden Rock; and it was a Dakota woman of this band who stood by her principles enough to die for them, it is said.

Many other suicides there have been in the tribe, for the history is long. There was a young woman, happily married, so it seemed, who nevertheless hanged herself one day. She climbed a tree and followed out an over-hanging limb, there she tied the thong rope by which she caught her neck in a noose and then fell over, where they later found her dangling. It was a horrible thing. And the reasons were traced to the fact that her husband had found fault with her and scolded her. Dakot women are good; they make the best wives because they do not forever nag their husbands, but they are very touchy; because they do their best, no doubt, they are fatally resentful when they are criticized and perhaps this one thought she was as perfect in her attitude as was possible; and no doubt she was; but when her husband presumed to find fault--no doubt he was annoyed over something else, that often happens--she could not bear it and would rather be dead.

Whenever a Dakota woman committed suicide she did it by hanging herself. When a man wanted to die, he went to war and exposed himself to the enemy in such a manner as to be hit at once. Men did not commit suicide so often as women; but if they did, either by going to war or some other original way, it was from some injury or insult to their pride. Often it was because they were turned down by the girl they would marry. It was not so much that they could not live without that special girl, however, as it was the hurt to their pride, and that the girl should reckon them so terribly unworthy as that. I know of instances where men died in that way; but the number is small; sometimes a man, if he is big enough, can face being turned down. He may go away for a time, and take a wife from elsewhere.

There was one man who was turned down after he had offered many expensive gifts for the girl; but instead of resenting it he just laughed and said, "Man had been turned down before."

But then he said, "Having tried to do this marriage thing in the most accepted fashion, and failing, I shall manage as best I can." And so it went on, and a few seasons after that, one day the camp was in an uproar over something. "Hapsti has disappeared!" And everyone was most excited.

Hapsti was the girl who had turned down the man, and had been sought after by others, all of whom she turned down, until it was believed that she did it for the pleasure of being hard to get.

But lo, it developed later that Hapsti, somewhat abashed, was residing in the tipi of the man she had first refused; and she lived with him to a ripe old age.

It seemed that when he offered things for her she did not like him, at that distance. But when she talked to him, at the courting, she was charmed with him. She did not know him under his blanket, but she accepted him, and it turned out to be the man she did not want at first.

Many said how foolish she had been, to refuse an honorable one, and then choose the less honorable form, by eloping, but others said, "It is well; she followed her heart, and will be always happy." And she was. She died some twenty years ago. And she was a good woman, really, for she belonged to the One Husband Fire, to the end.

Once a young girl of fifteen, or fourteen, killed herself. That is the youngest suicide I know of. It was very sad too; the girl climbed a tree and then tied a noose to her neck, and made it fast to the limb, and dangled there. It seemed that her brother scolded her, and that she could not stand. You see, Dakota brothers owe a certain respect to their sisters and cousins of the other sex; they must only speak when necessary, and then always respectfully; they must never say anything deprecating about them or express any annoyance or disapproval of them. But this thoughtless youth scolded the sensitive girl; and she thought "How can I live on in the tribe, since my brother cares no more for our relationship than to scold me as if I were some other relation?" She said this to her friends.

But in their hearts they too knew it was all wrong. So when the men found

her dead in the woods, they all sympathized with her, and thought she did the only thing she could, stop living, rather than live on as if she were callous to what had befallen her.

Santee Dakota Dugout Canoes

The means of locomotion around this country, for these people, was by boat, principally. They thought more of their boats than of their horses. And often men went to war in that way. Boats were made out of single logs. First they were cut to the correct length; and then they were shaped to a point in front and back. Then one side was planed to a flat surface, and that was the bottom. After this, the log was turned over onto the flat side, and the other side, which would be the top of the boat, was hollowed out by cutting and chipping and planing until the boat was shaped properly, and balanced, and then it was sealed against possible leaks, and was ready for use. Whole families, and sometimes two families were able then to get about with comparative ease. They could load on all their belongings, and start forth.

Now-a-days nobody makes boats; there would be no place to go in them, anyway.

A wakan Wačipi Initiation

There were Waká Men in the tribe; medicine men. They fasted, for visions, in the very long ago. Nobody much knew what happened, and the ones who fasted and later possessed supernatural power, never would tell what they saw; and now that they are all dead, it is impossible to know anything about their dreams. Not everyone fasted; only such as felt they must.

And it was always said of those who sought a vision, "Hená wakápi če," Those are holy ones. But just how they derived their power is lost to us, if indeed it was ever known.

Those who had supernatural power, from whatever medium, were more or less clubbed together into a dancing society; they had the Waká-wačipi. But that too has been obsolete for many years.

When I came here forty six years ago, there was a woman living here by the name of Apéhdewi (Teton, Apé, day; daytime; T. g.l.a, to be going home. Wi, feminine ending.) who was then one hundred years of age.

She said she saw a Waká Wačipi. Mystery dance, and in those days, certain medicine women were also members. So there was a very important waká woman in the group. And when the tribe went out to gather "Pótpaka" (A certain wild vegetable; I cannot identify it; and I suspect the t would be a k in Teton and Yankton; In which case, kpa is ground fine; in small pieces; ka, that sort. This then suggests šikpáka (ši, fat), a kind of root found growing at the base of reeds around the lakes, in the Dakota country, which had a rich oily taste, and was used as a substitute for fat during famines.)

When the tribe went out to gather Pótpaka, there they lost the famous medicine woman; she died of some sudden ailment, and so when they returned, the Waká-wacípi held an initiation ceremony for the daughter whom they took in in her mother's place. I do not know whether her mother left her any heritage, but at any rate, the other members wished the daughter to take her mother's place in their ranks. That is all that is told.

So they had the Waká-wacípi, and there the dancers dressed in the usual way; without any especially prepared or ornamented garments--simply the usual clothes. The forms they went through and the songs they sang were the significant things, Apéhdewi said; but she did not recall the songs nor remember their wording; she just knew that happened. And the part she recalled is that a great many beautiful goods, possessions of all sorts, were given away at this time. They were not given away in the Give-away style, with praises and glory; but they were thrown away, "Wihpeyapi", discarded on account of the death of the famous medicine woman.

A Giant Fish

There was a Sun dance going on, they say. The Sun Dance has not been danced in so long that nobody living here can tell anything about it. But in those days there used to be a sun dance. And the head dancer, the one who initiated the ceremony was a man who had visions; and this one was dancing without food or water, when he suddenly saw, (in his trance-state, for he had his chest pierced and was tied to the tree or pole); he saw a white figure pass across the Sun dance lodge and on out. What he saw puzzled him, because even as it passed, he could see right through it, and could discern the people who stood opposite and were looking on. But not these people, nor any others, could see this white apparition; and immediately he asked to be released. So a relative who loved him, gave a present to some former Sun dancer and requested him to release the sufferer.

This one now accepted the gift, took his extra-sharp knife, and cut through the flesh by which the dancer was tied fast to the pole and set him free.

Immediately he walked or staggered out of the lodge, so all the spectators forgetting the other dancers, followed him out, and they went, a vast throng, towards the distant water, not knowing what they followed.

And when they reached the water there it was; a huge fish, unbelievable large, that rose and fell in the water. The people were so amazed they could not stand still but ran wildly about. There were prongs coming out of various parts of the tremendous body, which nobody could account for.

At last the fish stopped swimming and seemed to float, so the men sioned for it and tied great ropes to it and brought it to shore. While it still lived, it had two lights in front that dazzled the on-lookers; and the lights they say were apart from each other, the length of seven bows. And the bows then in use were perhaps a yard long. So that the distance between the great fish's eyes was 21 feet. That is what the people tell.

And the prongs which stood out from various parts of the body were the antlers of an elk which the great fish had swallowed whole and which, by struggling to free itself, had eventually caused the fish to die. They brought it ashore, but nobody would touch the meat; the sun-dancers, saying its apparition appearing at the ceremony had an ominous significance, refused to touch it; and even the dogs of the camp would not eat it. So they left it there to decay. This the people have told for generations.

A Man Changes To A Fish

There is yet another legend. It would seem that all our legends deal with fish; but that is natural for we lived principally by fishing.

In the case of both these tales, I do not think it so very unlikely, for I have since seen great skeletons in the showhouses in St. Paul, skeletons of animals as big as what the people tell.

Now this second fish story happened thus: It was very long ago, and it happened not far from here. That always reminds me how long these people have lived in these parts, perhaps for centuries.

North of here, perhaps 20 miles, is Hastings, a town. And near it is a place called Prescott in English; but to this day, we Dakotas call it Hogá-Wake, (Fish/it lies.)

There were two friends who were either on their way to war or were returning; but nobody says as to that.

And they stopped near a large lake, so one of them went to fish, and he brought a tamáhe (cf. tamáheca, to be lean, the Northern Pike, Esox lucius.)

He cut the fish into parts, and cooked it in a container, and offered it to his friend.

The friend said, "But friend, I don't somehow care for this tamáhe, I would rather not eat it."

But the friend good-naturedly insisted; "Come now, koda, you must eat something; and this is good food I offer you. I went out and got it fresh myself. I know it is good."

"No koda, do not urge me. I somehow do not care for it." -- "But why?" the one who cooked it was very insistent. So at last the other said, "Very well, then, I will eat it." And he ate until he was satisfied of his hunger.

But that evening, he grew very thirsty, and with it, he became so listless that he could not get his own water to drink.

"koda, m.ní makáu yó," he said. And his friend brought water to him which

he drank; and he wanted more, and more, until his friend grew weary, carrying water to him throughout the night. At last he said, "Koda, I am now very tired. I have carried water to you from the lake as many times as you wished, and now I am overcome with sleepiness.

"I will therefore help you to the bank of the lake and lay you in such a position that you will be able to drink as often as you wish of the water.

So he took him with difficulty for he was very heavy; and he laid him on the shore, where his lips might easily touch the water whenever he wanted to drink.

There he left him and went to bed in his bark hut which they had erected.

Now it was morning; and the man, wearied by carrying water, was ashamed to have the sun up, while he still slept.

He sprang to his feet, and he saw that his friend was not there; he ran to the waters edge, but there also his friend was missing from the place he had laid him. But he found him later, out in the water, and he was now a fish. When the friend realized what he had brought about, he sat on the bank and wept loud and long. And the fish swam around and round him, as if to comfort him; but it was too late.

At last the man came away; and he told the tribe what had taken place; so they went with him to the lake where his friend had turned into a fish, and they found him lying there, in a moon-shaped form, still, but his fins gently moving.

When later they returned there, they found him dead, and turned into rock and hardened. And to this day, if one goes there, he may see what yet remains of the man whose friend made him eat Tamahe, against his will, and so turned him into a fish. That is a legend.

Social Customs

These people sometimes took two wives; two is the most I know about. Of course nobody has more than one wife any longer. But in olden times, such was the case. And among us Santee, it was very likely to be a younger sister or a young female cousin of the wife, who became the second wife.

A Dakota man did not take a second wife because he was tired of the first; the first wife was always the wife of his choice; the second wife was a girl who needed protection and who, if he did not take her, would be homeless. That was the way a good Dakota did; of course there were some who would not pass for men, who might do things differently; but I am telling you only our good customs, by which all good men and women were governed.

There were cases of a girl who lived in the home of a sister or cousin and her husband, without coming to be his wife; but generally, the older generation, the

mothers and fathers, the aunts and uncles, who stood in the place of the girl's parents, thought it better that she should be the second wife to the man in whose house she lived, and so conform to that household, rather than to go about loosely and perhaps get into trouble, and incur the gossip of the tribe. It was considered more honorable to arrange matters in this way.

Some girls who did not care for this arrangement, refused, or ran away; or preferred to live with their other relatives, aunts or mothers. But in general, since it was the custom, this was done.

Not every girl was so given in marriage; if her parents were living and she had an established home, it would not happen, probably.

When a woman died, if she left any children, then a younger sister of the dead woman was said to "Take over my children." They are called her children because of course they call her mother already.

In such a case, the girl marries her brother-in-law but if there were no children, and even if there were, if the girl did not fancy marrying her brother-in-law, or if he preferred to stay unmarried, then no marriage was obligatory.

But in general, "Taking over my children" meant marrying the father of the children that called one Mother. This is so firmly established that when anyone says so, that is taken as the meaning.

There was a girl who married a white man, and a baby-girl was born to her, but she died at the time. So the white man took the child to a distant city, but often wrote back to the younger sister of his dead wife, to tell her how things were, and this girl wrote and asked him if she might take over her daughter. The man said, "No, I think it would be best that she remain where she is, for I can do more for her in the city than if she were away off on the reservation." (This is identical with a case I knew of in the Standing Rock group of Teton. ECD)

Somehow this got out; and the people unkindly said, "She offered herself to her brother-in-law but he turned her down." It was not so. The younger generation do not know that use of the term. The girl had a young man she was planning to marry; and thought when she married, she might take the child of her dead sister into her home, so that it would not forget Dakota ways. So the comment was unfair. Nobody now-a-days takes two wives; and even if a woman or man leaves children, it does not follow any longer that the living sister or brother, marries the widower or widow. It may happen; it is not invariable. When a widower or widow married the dead spouse's sister or brother, it was for the sake of the children, so that they might be spared the chance of adjusting to a strange step-parent, who likely as not would be unkind to them.

These people had the One Husband Fire you mention of the Yanktons, and the Celibates' Fire. And women who were still chaste, were welcome to the Celibates' Fire, the same as you tell of the Yankton.

Zitkáná Wašté = Alfred Riggs
 Peace = Ceremonies

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The difference is that in our case, everything was simpler. The red rock was used, they placed their hand on it a moment, which was equivalent to swearing their innocence. But they did not have the knife or arrow or bullet. They did not touch it to their lips. My informant thought that added ritual was amusing, and chuckled at it. (I find the ceremonies simpler the farther east I get; they are so very complicated among the Og.lalas. I should call these people Quakers, and the Og.lalas, Roman Catholics, for ritual. ECD) (This was before I got into Waká-wacípi.)

When I was a young lad, and after the Massacre of 1862, we were stationed at Fort Thompson, I recall witnessing a Celibates' Fire. And the Bible had been translated by Zitkána Wašté (Good Bird--Stephen Riggs) some time before, so now they used a Bible instead of the red rock to proclaim their innocence.

"Heyáta iyéwíçayapi çe" eyápi. (They caused them to come away from the center of activities, it is said.) That is, they who knew that the participant was not being honest, had the right to drag him (or her) out of the circle of feasters; and they never lost the chance to do so. It was such a select group, that the entire tribe was always partly jealous that anybody who was no better than they should appear virtuous.

The peace pipe was always offered at ceremonials; but here again the form was far simpler. The pipe was ceremonially presented to the Earth, (Uci, Grandmother, is how the earth was invoked;) And to the above, Até Wakáñaka, Até, Father, Waka, Holy, Ťaka, Great. But it was not presented to the four Winds. And, but rarely, it was presented to the Sun, because it was the most powerful mystery which could be seen and felt.

Wozepi taking out of the ceremony.

Our people did not have any ceremonies for the young girl; no Buffalo Ceremony. We had Heyóka-Wozepi, the feast of the Anti-naturals.

That too is lost; just how it was done is long gone, because white people came to these parts long before they appeared among the western groups. Naturally we must have stopped doing those ceremonies sooner. I know this, though I only saw one such ceremony (and then they said it was not correctly done.), that the participants were in some sort of league with the thunder; and they were pledged by visions, to do everything opposite. They were said to feel differently about things from the rest of the people. They felt hot as cold and cold as hot; they reached into the boiling kettle of meat, and they brought forth the hot meat with their bare hands, and did not feel any burn. They took the hot, boiling soup in their hands, or they thrust sprays of the sage-brush into the hot soup, and sprinkled themselves with it, saying all the while, "I! I!" as men say when they suddenly are deluged with icy-cold water.

Long ago, too, the Hyká Ceremony was in vogue; when two or more people wished to adopt each other or to stand in a certain close relationship with each other, so that they could always depend on each other, and enjoy doing things for each other, then underwent that ceremony. Gifts were given away, by them, in each other's name; and the pipe was waved over their heads during the singing.

(Here again, my impression, although the information is very scant, is that the

two who were Huká, owed each other certain things; but among the Tetons, one who underwent the ceremony was expected to be generous and kind to anybody at all; it was a sort of system for raising one's standing; so that in places, (and this came out among the Assiniboine, especially,) such as were Huká were raised to a certain peerage, as it were. And anyone of such a rank must thereby fulfill certain obligations all the time, to whoever was about. The Santee made it a personal thing; the Tetons, a spectacular tribal matter. Perhaps my information is too thin to allow for generalizations; but, that is the idea I get. ECD)

Names

Among our people, when anyone was born, he or she had a name automatically. If a boy his name was Časké. The next boy and the next and so on, each had a common appellation. And the same with the girls. And there were five names allowed for each sex. Usually nobody had more than five children. I do not know what happened when there were more than five girls and five boys. A man should think before he has so many!

Here are the names: Of course these are the general names, so that every first boy in the tribe would be Časké, every fourth girl would be wáske. But a man when he was grown, and had achieved something in the chase or a vision perhaps, but principally in war, took another name, a personal, a serious name. Sometimes the name was that of some relative now dead, a father or grandfather or uncle whose character and achievements and generosity were admirable.

<u>Boy</u>	<u>Girl</u>
1. <u>Časké</u>	1. <u>Winúna</u>
2. <u>Hepá</u>	2. <u>Hápa</u>
3. <u>Hepí</u>	3. <u>Hapstí</u>
4. <u>Čatáha</u>	4. <u>Wáske</u>
5. <u>Haké</u>	5. <u>Wiháke</u>

Wild Rice Gathering

Our people have been rice gatherers for generations. Yet rice cannot be got just anywhere. There is a place near Šákpe (Six; spelled Shakopee on the map,) where the people gathered rice for generations. And there was also a place near St. Paul. Now-a-days we are situated here in places where rice does not grow in enough amount to make rice-gathering profitable; and besides, it is cheaper now to buy the store rice.

Rice grows only in water; around the lakes. And the rice areas were owned communally, and when it was rice-gathering time, then each family or group who cared

to do so, went out to gather rice.

There were no restrictions on rice-gathering, because there was always plenty, and stayed where it was until it was gathered, whereas, herds of deer kept wandering away. There was strict ruling in regard to hunting of deer and buffalo, and naturally in those cases, police were appointed to see that no individual rushed ahead to procure for himself alone at the expense of the tribe; for the common good was paramount. I will dwell on that later.

Rice gatherers usually went out by families; or by one or two couples who were congenial; usually it was two brothers or cousins and their wives, or two sisters or cousins with their husbands, in no case did a son go with his mother-in-law, or a daughter with her father-in-law. And brothers did not go with sisters or sisters with their brothers, unless their spouses also went along. The rules of propriety and respect obtained here as strictly as elsewhere. Why should they be broken ever? It was not necessary, and was in bad taste.

They went in boats. They camped near the rice-fields, and there they left the children with the older people to take care of them, and to cook the meals. Sometimes several families camped together in this way as a sort of home base, and then went out from there to their several directions.

They went in boats. The men propelled the boat which was not easy, for the growth of rice and the frequently shallow water impeded the speed of the boat, and often they would find themselves grounded for a time. And the pathway of the boat was never in a straight, direct line, because the boat had to be steered along wherever there was a slight opening in the rice stalks.

Long poles forked at one end were used to push the boat along, and the men who steered the boat stood up to steer.

The women gathered the rice. The bottom of the boat was left quite clear and open. And each woman was equipped with two stout sticks, one in each hand. They were about this long. (Perhaps 2 feet or a trifle longer.)

As the boat moved slowly, each woman reached out with one stick and brought a sheaf of the tall rice, and held it bent into the boat; and with the other stick she threshed it quickly, so that the kernels fell into the bottom of the boat. This she did in passing; and the next time she reached out with the stick in her other hand, and brought down some rice from the other side, and used her first stick this time to beat with. Thus she alternated from side to side, each hand doing first one thing and then another, until the load of rice was sufficient.

As there would be at least two women in the boat doing this while the men propelled the boat along, it would not be too long before they would be through. Sometimes if the rice was very plentiful, the boat could be well filled and the gatherers could start homeward in good time.

Sometimes they rested; and they ate in the boat; and thus they worked, for

several days until they had a very good supply for themselves and for their old parents who are taking care of the children for them.

After they were satisfied with the quantity gathered, they might go home; or remain in camp there for some time, hunting ducks or other game also.

Then when they wished, although this need not take place immediately, they built a great fire, and there they heated the rice in large containers, so that the chaff the kernels parched a bit or at least dried so that it stood away from the rice its

When all the parching was done, then the men dug a large hole, this big or bigger (he spread out his arms in a circle perhaps 2 1/2 or 3 feet in diameter.) and the hole was carefully lined with some sort of skin, to form a kind of pocket or container. (Like the lower crust of a deep-dish pie.)

Into this container the rice was placed. It was now quite dry, and the chaff was loose around each grain.

Then a strong, vigorous young man who was well and clean, was selected to tread the rice. He was given a new pair of moccasins for his feet--moccasins which had not been worn before--and first he bathed in the river to insure his cleanliness.

He put on the new moccasins, and then he was supplied with a strong staff to lean on. He stepped onto the hole filled to the top with rice, and he danced on that all day.

The rice was under his feet and each time he jumped or took a step, some of the grains would be loosened entirely away from the chaff. The loose grains moved all day so that when he was through with treading, it was very likely that the rice was now rid of all the chaff.

Now there might be a lapse of some days, or perhaps if they wished, then the gatherers winnowed the grain, by taking it in a large container and letting it fall in a small steady stream, where the breeze was blowing through it.

After doing this carefully all day, they were satisfied the rice was now clear and ready to be stored. It was poured into bags, and stored away for the winter at the rice gathering was over for that year.

There were other wild foods that our people used; now that it is cheaper to get food from the store, and since it is difficult for us to get about gathering wild foods, we gradually drop the use of them.

We still get Tánápa. It grows by ponds, in special places. And there is also what are known as Psićica, (Psi, rice; ćicá, child of.) These are called Muskrat potatoes, by the white people.

The Tánápa is like an onion; and it grows in the muddy water. We bring it up and cook it as it is, with the skin on.

After it is cooked soft, the skin peels off easily, and then we take the inside and cut it into smaller pieces to dry. Then we dry the small pieces as the western tribes dry the sliced wild turnip, and then we fill sacks with it and put it away for winter use. It is excellent in soup with other food, meat etc.

Santee Dakota Marriage Customs

(Susan Wind-eagle)

I want to tell you first about the old Santee marriage customs. In those days, it was very hard to be a young girl; it was not easy. With you, living the free life you do, wherein you can drive a car and come and go as you please, what I am about to tell you will not be agreeable.

In those days, because the young women did not know any other way, it seemed tolerable to them to accept this custom.

I want you to know that not every girl abided by these customs, there were, as now, bad girls who did not observe the good ways of the people, but preferred to live just as they liked; breaking all the rules, and sleeping with different young men, and caring nothing about being honorable wives and taking husbands in the ancient and accepted way. But of those I do not speak.

Suppose now that a young man is ready for marriage, in the old life. He has achieved war honors, and has acquired property enough to maintain a home and family. Then he, through his fathers and uncles, offers one very beautiful horse and other handsome gifts, to the relatives, the parents of the girl of his choice.

According to the best manner no doubt, this boy has not even talked with this girl. She has been so well protected that no young man has so much as spoken to her. The boy who wants her for his wife is pleased with this fact; he would rather himself be deprived of speaking with her previously since that insures all the more that she is a well-chaperoned and protected girl, to whom no man has even dared to speak.

The gifts for the girl are now brought to her home, the goods piled upon the horse, and the horse is led by some messenger who has been paid a fee to take them there. He ties the horse with its load of finery to the hitching post outside the door. Then he goes home without a word.

This is the outward act; of course there have been communications through messengers in private between the two families so that it is no surprise to the girl's people when this happens. The girl, they are reasonably sure, is willing to submit to the arrangement. Of course, after the transaction, when she faces the marriage bed, she may revolt; but that she does not yet know herself. The thing to do now is to be maidenly and daughterly, and defer to her parents' better judgement as to her future. It is said to be better judgement because they are older and have had more experience, and are presumed to know best for their child.

Usually if the family are not pleased with the match, it does not advance this far; to the extent of sending presents. So when the horse and its load of fine things,

is tied to the post outside the door, the parents of the girl are ready to reciprocate in kind. They must do as all Dakota gift-giving requires, give something of great value than the gift received.

So they take two handsome horses, and place handsome gifts on their backs, and send them to the bridegroom's tipi, for his own. That means they accept the terms and that they are giving the son-in-law a gift in return. Of course many of the things are eventually for the girl's own household; but generally the horses are given to the young man to do with as he will.

These gifts are taken by the messenger of the girl's parents. And if until now the transactions were kept secret, there is no longer any doubt about matters; the entire tribe is aware of what is to take place, and everyone is highly interested.

And now the entire camp divides into two sections for the culmination of the wedding. On a stated day, the girl is dressed perfectly beautifully. And then the most closely related to her, and others in the tribe who wish, form a group against the groom's relations and the others who wish to be on that side.

The two sides approach each other; the boy in the centre of the approaching line, on his side; the girl on hers.

And then stop short when someone who is directing the ceremony, gives a signal. They all stand ready, facing each other, perhaps as far off as that tree. (I should call the distance a short city block, ECD)

And then when the director gives a shout, all who care to do so, run from the boy's group, as hard as they can, to get the girl. And here something very undignified and laughable takes place, but it is regarded as an honor.

Usually it is men who run, because they are swiftest; but occasionally women will run too.

The aim is to reach the bride first; who reaches her first takes her on his back, like a baby, and rushes back with her towards the groom's section. And who comes up second takes hold of one leg and supports it; and the third takes the other leg; so that as the girl is borne along, she is in a very ridiculous position. Yet nobody laughed; they thought it very honorable to be brought and then rushed in that way, and carried to the husband's tent by the swiftest runners of the tribe.

A girl so married was married in the most respected fashion; and if, as it was likely, she was a virtuous girl, then her fate was secure; for above all things, a Dakota man wants a chaste wife, and mother for his children.

But there were times when the girl, on meeting her husband at night, revolved against marriage and then she ran away. She was then said to pidásni; and it was unfortunate, but nobody blamed the girl. And the property settlement usually remained as it was; unless the man wished to return it. That was a matter of individual preference.

Of course this method of marriage has been abandoned for countless years; I only tell you what used to happen very long ago.

(This rushing for the maiden, and carrying her on the back holding her legs, etc., I do not find anywhere else in Dakota, at least not so far. Another difference is that the parents seem to be the main arbiters of a marriage here, whereas in the other Dakota bands it is usually the brothers and male cousins of the girl who receive the presents. And also among the Dakota of the west, not until the girl goes to be married, riding the horse, and being escorted by an aunt or other relative leading the horse, is a second horse led along, bearing the gifts, like highly decorated apparel, or a fine weapon or quiver or some such thing, for the groom. ECD)

The Monster Child

(I asked for some myths; or legends; and my informant who was an old woman of 81 said she had not thought of any for so long that she could not think of one consecutively; and she called to her daughter, a woman of perhaps fifty.

"Mary," she said, "can you recall any Hiúkaka?" And Mary said, Mdokétu-heyapi ecá zuzúhecana ahí keyápi yé!" (Summer time/ they say that, i.e., tell myths/ then/snakes/ they come/ it is said!)¹

Never-the-less, she told the following:

Once it is said there was a young woman who was pregnant. And in due time she had a child. And she was very happy with the baby, but after a time the most disturbing thing began to happen.

Whenever she was alone, or whenever she was asleep, and suddenly wakened, she heard the distant din as of a great encampment; people shouting and laughing, talking and howling and singing; she heard dogs barking and horses neighing, she heard dancing and in short, she heard all the usual noises that go with a tribal camp.

She grew more and more puzzled with this experience, until finally she was even afraid to go to bed. And it turned out that all these sounds came from the baby which she had given birth to; and she was very sad. She loved her baby, and when the chiefs decided that it was not really a child but a giant, which had come to invade the tribe, and that it must be abandoned for the sake of the people, she cried many days.

But when the tribe was on the march, they secretly lured the mother away from her child where she laid it down; and then they left the babe sleeping under a tree, and went away, and crossed the river to the other side. And that evening there was loud shouting and when they looked, a great man, far bigger than any of them was walking to and fro on the other bank gesticulating and appearing to be very angry.

Many of the people fainted from fright; but when the giant started to swim over to them, to take revenge for having been abandoned, they stood ready for him; and all the warriors had their bows and arrows in readiness, and some had war-clubs, and spears and every known contrivance for killing, and as he neared the shore they began to fire at him.

They riddled his body with countless arrows; and they hurled spears and clubs at him until unable to combat it any longer, he sank down into the water and disappeared.

Then down the stream there appeared a great churning of the water as the body floated down; and from the bubbles that came up there came also red blood in profusion; and then, there rose to the surface all manner of trinkets and things which women like to own; there were mirrors and even gold watches, and small shell disks and all sorts of round things, anything that was made in a round flat form these all came to the surface.

The women on the shore longed for some of the trinkets and would have swum after them but the wise men strongly forbade it.

"The giant was bad for the tribe; he came here to destroy it, by taking the form of a babe; now is it likely that anything that comes from its body would be good for you? Let nobody touch one thing that comes forth!" So they let all the treasures come to the surface and then go down again, and nobody touch them at all. And the poor woman whose baby it had been, after seeing the horrid giant into which it had become, was torn between fear of the giant, and yet love for the baby that had given birth to. And that is all to this tale; at least it is all I can recall of it.

The Abandoned Children

Once upon a time, there was a man and his wife who dwelled alone together in a tipi by the lake. And in time they had a little boy; and after a while, they had a girl. The four lived happily until one day the father went off on a journey.

Many many days went by, and he did not return; and each day the children said "Mother, where is our father?" And the mother answered, "Be patient children, your father will soon be coming home."

But as time went by, she herself knew that the man would never return; what befell him she did not know; but she knew he was lost for all time.

So the three of them continued to live on by themselves and to manage the best they could.

After a time, a man came to their tipi; a handsome man who hunted for them, and provided them with plenty of food.

But then he began to desire the woman; and he sent the children into the woods saying, "I left some ducks by the willow tree; bring them here." So they went out together.

Not finding the willow tree, they wandered through the woods, and lost their way. After many hours, tired and hungry, they stumbled back to their home, and

found it deserted; the man had induced their mother to run away with him.

On the way to his tribal camp, they had to cross a stream, and there their mother washed herself; washing away the top layer of herself, and emerging a handsome woman, clean and in all ways desirable.

The mud which she had washed away from her body colored the water, and at last formed a deposit on the edge of the stream.

The children rested, and ate food; and waited their mother's return; but when after many days she failed to come, they joined hands to keep together, and went out to look for her.

And then they came to the stream, and as they crossed it, the boy said, "Little sister, this soil is body-soil from our mother. We shall take it along." (Wahášapa, skin dirt, ECD)

So they took handfuls of it, and continued until they came to a tribal encampment; and on the edge of it there lived a kind old woman.

"Come, come, grandchildren, come into my lodge where you are welcome. I know all about you, that you have been abandoned by your mother. And now she is here, rejuvenated, and married to the king's son. She lives in that large white lodge yonder. But you remain here with me."

After the children had eaten and rested, the boy said, "Come now, sister, let us find our mother." So they went to the home of the king's son, and there they found her sitting, like a young bride.

And when the children saw her, they hurled the mud of her body back on her, and blackened her with it. And the king's son was enraged, saying that the children had insulted his home, invading it and throwing mud upon his wife.

All the people were angry with the children, and the cry went about, "There are the children who have desecrated the home of the king's son! Abandon them, abandon them."

So the men came and took the children and tied them to a tree where they could not get loose. And all the people broke camp and scolding them and poking at them with sticks.

The old grandmother who had befriended them came last of all. She was humming a little song as she advanced, saying,

"Takoža, maké ci

Ķúya, Ķúya!"

(Grandchildren, where I sat,

Down below; down below!)

And the men said crossly to her, "Old thing, what is it you are singing? And she said, "Nothing; I am always humming to myself!"

And when she stumbled towards the children with her cane in hand, they said to her, "Never you mind; you too do not need to deride them; everyone has done so; you get along!" And she said, "O, but they have desecrated the home of the king's son. I too want to take a poke at them!" So they let her go.

But she had previously sharpened an arrow-head to a keen edge, and attached it to her staff; and as she went close to the children, she quickly snapped apart the thongs which bound them pretending all the while to strike them. And while she did this she sang her song:

Ṭakoṣa, maḳé ci,

Ḳúya, kúya!

That was all she could say; if she attempted to tell them anything, the men who were watching would suspect her of helping them.

When the tribe moved away, the two children stepped easily away from the tree for the thongs which held them were broken. And they hurried to the tipi of their old friend the grandmother.

They understood her song; she meant that below her home, i.e., where she habitually sat, there they would find something that would help them.

And surely, there at the base of a tree below her lodge they found an earthen kettle, a knife, and some tinder; and some dried meat and other foods; rice and the like.

They ate the food; and used the weapons they found, and got more food; and young as they were, they were supernaturally aided so that they were soon very well off, and had a superabundance of food.

And about that time, the tribe which had tried to do away with them had struck unfortunate times, and a famine raged in that section.

Now the people were sick, and many were dying, and about that time, the boy met a crow; and the crow told him what was happening. So he placed a fine piece of meat in the crow's mouth, and asked him to go to that tribe, and fly about until he found the largest and whitest tipi of all; then he must light upon it, and when the woman of the tipi was sitting in her woman's place, he must drop the meat in front of her, from the smoke vent overhead.

The crow flew away; and followed all the instructions. And when suddenly, amid the famine, a large piece of fresh meat fell in the woman's lap, neither she nor her husband knew what to make of it. The wise ones of the tribe they notified and although everyone wondered about the source of the meat, nobody could say where it was from.

A few days later, the boy met a snake; and again he used the snake for a messenger. He placed a fine piece of fat in the snake's mouth, and asked him to travel until he came to the largest tipi in the tribe which had abandoned him and his sister, and there to leave the fat in the lap of the woman.

The snake did as he was bidden, and, poor thing, (šika) it was difficult for him to crawl, and yet hold the fat in his mouth, and still to hold his head erect enough to ascertain the biggest tipi in the camp; but he managed to do just that.

He partly crawled in, under the base of the tipi, and crept around the woman and left the fat in her lap where she sat suffering from hunger, a pitiful sight. And when she looked down in her lap and saw a fine piece of fat lying in it, she could not tell whence it came.

Again the wise ones were notified; but nobody could say. Until they brought Uktómi in; he was staying there at the time, so they said, "Uktómi, you shall do our divining for us. Whence is this meat and this fat?"

And Ukto said with great disgust, "Do you think it is the least bit hard to divine this? Why, it is so simple, it makes me laugh. Who else is sending this, but the two children you abandoned? They are well-off while you are starving, and they want you to know it."

The people said, "That is true. Let us turn about and go back to our children." And they moved at once.

But the crow which had been spying, when he saw their move, flew back at once to the children, saying, "The entire tribe is coming this way." And the children began to get ready for them. The girl took all the liver they had on hand, and roasted it and then pounded it as one might make pemmican.

She then took some choice meat which was dried, and this she parched and pounded, and mixed with it a large cake of marrow and bone oil.

And now she was ready, as the company began marching back toward their camp; and as they went slowly by, she stood searching for her mother; and when her mother came in sight and called, "Micúkši, micúkši!" (My daughter, my daughter!) the girl said, "And this from your daughter that you abandoned to die!" and threw a bag of food to her. It was the pemmican made of liver.

The mother who was practically starving, fell upon it eagerly, and filled her mouth with it and began to chew; and as she chewed she pulverized the dry liver more and more until her breathing was stopped up by it, and all with whom she shared the food also. The king's son also died, and the children at last had their revenge on the two who had harmed them most.

Then they went on down the line, and there at the farthest end came the poor little grandmother, now so feeble and bent with years and hunger, that she seemed to crawl instead of walk.

And the boy stopped her. "Grandmother, grandmother!" we want you to come home to us! I have come for you," he said, and wept and stroked her small white head.

When they reached the home which had been hers, it was the one she left for the children when the tribe moved away, they said to her, "We have saved the best of food for you." So she ate the choice pemmican and the rich marrow oil, and was revived.

The tribe, what was left, came to the old camp ground, and there they found the two children rich beyond all dream. They had racks and racks of drying meat; and had caches full of store; and the people marvelled that two children could fend for themselves like men.

When the camps were all erected; then the boy came home and said, "Sister, come; I will invite them all to a feast."

She did so; and when the crier called them to eat, not a single one remained home, they came in great numbers and sat upon the grass in a great circle outside the door. Food was distributed to them there and everyone ate his fill, with out rest and they sang the praises of the boy and his sister who had thus saved them.

"Whoever practises the Dakota law of hospitality merits praise!" they proclaimed and they lauded them to the skies.

Alas, if only it had been so. But the boy had resentment in his heart and what can blame him? He had in some mysterious way included death-medicine to the soup which the people were even then drinking. And in a little while after the feast, some became sick on their way home, some in their tipis, and some right there at the feast.

There was nothing to do for them; no remedy; and since all were sick, nobody had the strength to call the boy to account. They simply lay wherever they fell, and suffered till they were dead.

Before nightfall, the children had had their full revenge, for not one of the tribe which had abandoned them was alive to tell the story.

Only the old woman who had befriended them from the first, lived on, the pet of the children; and the crow who was their spy and the snake who was their messenger remained. And these five lived together, and no further troubles are told of them. That is what I can remember of this tale.

I do not know what the poison was which the boy administered; but they say whatever it was, it caused the stomachs of all who ate it to pop open; and as each popped with a bang the person died at once.

FOOTNOTES

¹A taboo against telling myths and legends in the summer is found in many North American Indian groups. Sometimes the warning is more explicit than that given here, the penalty being that snakes will come and enter the anus of the summer storyteller.

²Uktómi or Spider, is the Dakota trickster, an anti-hero who figures in many myths. He corresponds to the Algonquian, Náhpas or Wisákežak and the Crow "old man coyote".

STATE OF MINNESOTA 1st SPECIAL SESSION 2015
Chapter 4 -- S.F. No. 5

Third Reading Repassed
Presentment date 06/13/15
Governor's action Approval 06/13/15

EFFECTIVE DATE.

This section is effective the day following final enactment.

Article 4 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.

Sec. 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.

CHAPTER 165--S.F.No. 3376

An act relating to environment; providing for sulfate effluent permit compliance.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MINNESOTA:

Section 1. **SULFATE EFFLUENT COMPLIANCE.**

(a) This section applies to any permit issued after January 1, 2010, and before May 1, 2016, that contains final sulfate effluent limits resulting from implementation of the wild rice water quality standard in Minnesota Rules, part 7050.0224, subpart 2. If, as of May 1, 2016, the permittee is in substantial compliance with any compliance schedule permit conditions related to those final limits or has executed a schedule of compliance to resolve any noncompliance that existed before May 1, 2016:

(1) the final sulfate limits resulting from implementation of the wild rice water quality standard in Minnesota Rules, part 7050.0224, subpart 2, are no longer valid; and

(2) any compliance schedule permit conditions related to those final limits are no longer valid.

(b) Nothing in this section shall relieve the permittee from its obligation to satisfy requirements contained in any schedule of compliance that is in effect as of May 1, 2016.

Presented to the governor May 24, 2016

Signed by the governor May 31, 2016, 10:11 a.m.

MPCA_WR_DEV Excerpt Version Date: October 20, 2017 [List contains PWRW and II Waters]

Attachment 5A

Alphabetical by County Name

OBJECTID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	EDGE	DOWLKNUMWB	Typ	ACRES	NR2008ES	REFERENCE	SOURTATUS	LISJTM_X	WBRTM_Y	WBDN_DD_W	WAT_DD_W	XIDNUM	RIBAL_I	INTBL_W	HUCB
46	1	Atkin	Atkin Lake		01-0040-00			01004000	Lake	850	298	2007, MDNR 2008, MDNR APM	PWRW	477938.4	5183444	-93.28913	46.80418	01004000			07010103
47	2	Atkin	Anderson Lake		01-0031-00			01003100	Lake	97	30	MDNR 2008	PWRW	482215.4	5176079	-93.23279	46.73803	01003100			07010103
1409	1	Atkin	Ball Bluff		01-0046-00			01004600	Lake	178		MPCA 2013, MCBS 2017	II	478650.1	5197727	-93.28047	46.93273	1004600			07010103
1410	2	Atkin	Bear		01-0064-00			01006400	Lake	127	1	MDNR 2008	II	471770.2	5120847	-93.36616	46.24061	1006400			07030004
48	3	Atkin	Big Sandy Lake		01-0062-00			01006200	Lake	9380	94	2007, MDNR 2008, MDNR 94 APM, 2010	PWRW	478181.4	5178684	-93.28572	46.76135	01006200	Partial	Mill	07010103
49	4	Atkin	Birch Lake		01-0206-00			01020600	Lake	449	5	MDNR 2008	PWRW	437881.4	5135033	-93.80757	46.36602	01020600	Lacs		07010104
50	5	Atkin	Blind Lake		01-0188-00			01018800	Lake	323	39	2007, MDNR 2008, MDNR 39 APM	PWRW	442905.4	5166748	-93.74616	46.65186	01018800			07010104
1411	3	Atkin	Boot		01-0055-00			01005500	Lake	77		MPCA 2013	II	480958	5189523	-93.24981	46.85897	1005500			07010103
51	6	Atkin	Brown Lake		01-0078-00			01007800	Lake	97	34	MDNR 2008	PWRW	474848.4	5179263	-93.32394	46.76644	01007800			07010103
52	7	Atkin	Camp Lake		01-0098-00			01009800	Lake	127	30	MDNR 2008	PWRW	463123.4	5152763	-93.48083	46.52743	01009800			07010104
1412	4	Atkin	Cartie		01-0189-00			01018900	Lake	27		MPCA 2013	II	440552.2	5163897	-93.77654	46.626	1018900			07010104
1413	5	Atkin	Cedar		01-0065-00			01006500	Lake	260		MPCA 2013	II	468836.9	5118627	-93.40406	46.22051	1006500			07010207
53	8	Atkin	Cedar Lake		01-0209-00			01020900	Lake	1778		MDNR APM, MPCA 2013	PWRW	438606.4	5148616	-93.79994	46.48831	01020900			07010104
1414	6	Atkin	Clear		01-0093-00			01009300	Lake	590		MPCA 2013	II	461362.1	5141496	-93.50286	46.42593	1009300			07010104
54	9	Atkin	Clear Lake		01-0106-00			01010600	Lake	123	20	MDNR 2008	PWRW	461268.4	5178049	-93.50714	46.75487	01010600			07010103
55	10	Atkin	Cornish Lake		01-0427-00			01042700	Lake	600	30	MDNR 2008, MPCA 2013	PWRW	483387.4	5193211	-93.21808	46.89223	01042700			07010103
1415	7	Atkin	Dam		01-0096-00			01009600	Lake	633		MPCA 2013	II	464413.8	5150838	-93.46386	46.51017	1009600			07010104
56	11	Atkin	Davis Lake		01-0071-01			01007101	Lake	76		2007, MDNR 30 2008	PWRW	472042.4	5166661	-93.36538	46.65293	01007101			07010103
57	12	Atkin	Deer Lake		01-0086-00			01008600	Lake	47	3	MDNR 2008	PWRW	460728.4	5131618	-93.51028	46.337	01008600			07010207
1416	8	Atkin	Diamond		01-0171-00			01017100	Lake	80		MPCA 2013	II	446765.9	5145924	-93.69335	46.46479	1017100			07010104
1417	9	Atkin	Douglas		01-0009-00			01000900	Lake	75		MPCA 2013	II	492751.7	5163883	-93.09469	46.62847	1000900			07010103
58	13	Atkin	Elm Island Lake		01-0123-00			01012300	Lake	556	30	2007, MDNR 2008, MDNR 30 APM, 2010	PWRW	451850.3	5145176	-93.62703	46.45844	01012300			07010104
59	14	Atkin	Farm Island		01-0159-00			01015900	Lake	2025	20	MDNR 2008, MDNR 20 APM	PWRW	440678.4	5141203	-93.772	46.42179	01015900			07010104
60	15	Atkin	Fleming Lake		01-0105-00			01010500	Lake	326	1	MDNR 2008, MDNR APM	PWRW	461996.4	5164149	-93.49546	46.62982	01010500			07010104
61	16	Atkin	Flowage Lake		01-0061-00			01006100	Lake	720	432	2007, MDNR 2008, UoRM/MPCA 432 2013, 2010	PWRW	475630.4	5172397	-93.31879	46.70469	01006100			07010103
1418	10	Atkin	Glacier		01-0042-00			01004200	Lake	139		MPCA 2013	II	482728	5181458	-93.22629	46.78645	1004200			07010103
62	17	Atkin	Gun Lake		01-0099-00			01009900	Lake	735	60	MDNR 2008, MDNR APM, 60 2010	PWRW	459922.4	5166136	-93.52373	46.64759	01009900			07010104
1419	11	Atkin	Hammal		01-0161-00			01016100	Lake	376	1	MDNR 2008	II	442938.3	5147992	-93.74942	46.48308	1016100			07010104

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Alphabetical by County Name

OBJECT FILE Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	ENG_DOWNSUMWB_Type	ACRES	NR2008S	REFERENCE	SOURSTATUS	USUTM_X	WUTM_Y	WUTM_Z	WUTM_X	WUTM_Y	WUTM_Z	WUTM_X	WUTM_Y	WUTM_Z	WUTM_X	WUTM_Y	WUTM_Z	XIDNUM	RIBAL_ID	INT_ID	HUCR
63	18 Aitkin	Hanging Kettle Lake		01-0170-00		Lake	320		MDNR APM, MPCA 2013	PWRW	445514.4	5146576	-93.7097	46.47056	01017000											07010104
1420	12 Aitkin	Hay		01-0059-00		Lake	133	1	MDNR 2008	II	483907.1	5200208	-93.2115	46.95521	1005900											07010103
64	19 Aitkin	Hickory Lake		01-0179-00		Lake	183	10	MDNR APM	PWRW	443789.4	5143171	-93.73175	46.49977	01017900											07010104
1421	13 Aitkin	Horseshoe		01-0154-00		Lake	53		MPCA 2013	II	441042.4	5138743	-93.76695	46.39969	1015400											07010104
65	20 Aitkin	Horseshoe Lake		01-0034-00		Lake	252		MDNR APM, MPCA 2013	PWRW	483601.4	5173789	-93.21457	46.71746	01003400											07010103
1422	14 Aitkin	Jenkins		01-0100-00		Lake	127	1	MDNR 2008	II	462843.7	5166522	-93.48558	46.65123	1010000											07010104
		Jewett State WMA -																								
66	21 Aitkin	Impoundment		01-0383-00		Lake	180	30	MDNR 2008	PWRW	469219.4	5139213	-93.40045	46.40579	01038300											07010104
67	22 Aitkin	Johnson Lake		01-0131-00		Lake	27	6	MDNR 2008	PWRW	450791.4	5152852	-93.64163	46.52744	01013100											07010104
68	23 Aitkin	Killroy Lake		01-0238-00		Lake	23	4	MDNR 2008	PWRW	452226.4	5139462	-93.62155	46.40704	01023800											07010104
		Kimberly State WMA -																								
69	24 Aitkin	Lower Pool		01-0411-00		Lake	300	30	MDNR 2008	PWRW	468838.4	5156593	-93.40657	46.56219	01041100											07010104
		Kimberly State WMA -																								
70	25 Aitkin	UpperPool		01-0410-00		Lake	900	76	MDNR 2008	PWRW	469433.4	5157287	-93.39886	46.56845	01041000											07010104
1423	17 Aitkin	Kingsley Pothole		01-0138-00		Lake	33		MPCA 2013	II	448743.7	5182050	-93.67157	46.79003	1013800											07010103
71	26 Aitkin	Krilwitz Lake		01-0283-00		Lake	30	6	MDNR 2008	PWRW	446731.4	5169787	-93.69651	46.67952	01028300											07010104
72	27 Aitkin	Lily Lake		01-0088-00		Lake	50	2	MDNR 2008	PWRW	462977.4	5149698	-93.48249	46.49983	01008800											07010104
		Little Hill River WMA -																								
73	28 Aitkin	Impoundm		01-0433-00		Lake	135	18	MDNR 2008	PWRW	445081.4	5205656	-93.7224	47.00215	01043300											07010103
74	29 Aitkin	Little McKinney Lake		01-0197-00		Lake	26	6	MDNR 2008	PWRW	444398.4	5192575	-93.72978	46.88439	01019700											07010103
75	30 Aitkin	Little Pine Lake		01-0176-00		Lake	126	1	MDNR 2008, MDNR APM	PWRW	442648.4	5143515	-93.74665	46.44277	01017600											07010104
1424	18 Aitkin	Little Prairie		01-0016-00		Lake	78	1	MDNR 2008	II	492013.3	5184717	-93.10469	46.81595	1001600											07010103
76	31 Aitkin	Little Red Horse Lake		01-0052-00		Lake	32	3	2007, MDNR 2008	PWRW	480386.4	5193062	-93.25746	46.89081	01005200											07010103
		Little Willow R. WMA - Upper																								
77	32 Aitkin	Pool		01-0420-00		Lake	50	20	MDNR 2008	PWRW	446953.2	5173661	-93.69406	46.71441	1											07010104
		Little Willow River WMA Pool																								
1425	19 Aitkin	2		01-0332-00		Lake	140	50	MDNR 2008	PWRW	446446	5172393	-93.69975	46.70297	2											07010104
1427	21 Aitkin	Long		01-0089-00		Lake	433		MPCA 2013	II	462197.9	5148326	-93.49254	46.48744	1008900											07010104
1426	20 Aitkin	Long		01-0101-00		Lake	33		MPCA 2013	II	465169.4	5166126	-93.45516	46.64779	1010100											07010103

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Attachment 5A

Alphabetical by County Name

OBJECTID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE_Elig	Flow	DOWNUM	W8_Type	ACRES	NR2008ES	REFERENCE_SOURSTATUS	LISTUM_X	WJUTM_Y	WIDON_DD	W_LAT_DD	W_LAT_W	XIDNUM	RIBAL	INTIAL_W	HUC8
78	33	Aitkin	Mallard Lake		01-0149-00			01014900	Lake	354	320	2007, MDNR 2008, 2010	PWRW	444965.4	5140183	-93.71609	46.41298	01014900	Partial	Mill e Lacs	07010104
79	34	Aitkin	Mandy Lake		01-0068-00			01006800	Lake	107	27	MDNR 2008	PWRW	474015.4	5154192	-93.33889	46.54079	01006800	Y		07010104
1428	22	Aitkin	McKinney		01-0199-00			01019900	Lake	52		MDNR 2008	II	444460.1	5191849	-93.72888	46.87786	1019900			07010103
80	35	Aitkin	Minnewawa Lake		01-0033-00			01003300	Lake	2451	130	2007, MDNR 2008, 2010	PWRW	478834.4	5172978	-93.27691	46.71002	01003300	Partial	Mill e Lacs	07010103
81	36	Aitkin	Monson Lake		01-0126-00			01012600	Lake	48	25	MDNR 2008	PWRW	453887.4	5144399	-93.60043	46.45158	01012600	Y		07010104
82	37	Aitkin	Moose Lake		01-0140-00			01014000	Lake	148	117	2007, MDNR 2008, 2010	PWRW	451607.4	5190754	-93.63498	46.86857	01014000			07010103
292	1	39	Aitkin	Moose River	07010103-749	01R4			Stream			MDNR 2008, Survey	PWRW	452539.6	5192002	-93.62288	46.87986	0114			07010103
83	38	Aitkin	Moose River Pool		01-0358-00			01035800	Lake	900	89	2010	PWRW	460202.4	5197479	-93.52279	46.92965	01035800			07010103
293	40	Aitkin	Moose Willow WMA - Willow Pool		01-0431-00			01043100	Lake	300	50	MDNR 2008, 2010	PWRW	459095.4	5199835	-93.53754	46.95078	01043100			07010103
1429	23	Aitkin	Moulton		01-0212-00			01021200	Lake	282	1	MDNR 2008	II	440851.5	5175153	-93.77408	46.72731	1021200			07010105
1431	25	Aitkin	Mud		01-0035-00			01003500	Lake	65		MPCA 2013	II	479139.1	5170766	-93.27282	46.69013	1003500			07010103
1430	24	Aitkin	Mud (Graying WMA)		01-0029-00			01002900	Lake	400	1	MDNR 2008	II	481157.7	5167146	-93.24627	46.65761	1002900			07010103
294	41	Aitkin	Mud Lake		01-0194-00			01019400	Lake	135	68	MDNR 2008, 2010	PWRW	444369.4	5184474	-93.72918	46.81149	01019400			07010103
295	42	Aitkin	Nelson Lake		01-0010-00			01001000	Lake	71	1	MDNR 2008, 2010	PWRW	492775.4	5163264	-93.09437	46.63308	01001000			07010103
296	43	Aitkin	Newstrom Lake		01-0097-00			01009700	Lake	97	76	2007, MDNR 2008, 2010	PWRW	460433.4	5155973	-93.51618	46.55616	01009700			07010104
297	44	Aitkin	Pine Lake		01-0001-00			01000100	Lake	391	4	MDNR 2008	PWRW	494633.4	5115305	-93.06955	46.1913	01000100			07030003
298	45	Aitkin	Portage Lake		01-0059-00			01005900	Lake	387	5	MDNR 2008	PWRW	467733.4	5159300	-93.42118	46.58649	01005900			07010104
299	1	46	Aitkin	Prairie River	07010103-515	01R6			Stream			2007, MDNR 2008, 2010	PWRW	482765	5179934	-93.22575	46.77274	01R6			07010103
300	47	Aitkin	Rat House Lake		01-0053-00			01005300	Lake	122	100	2007, MDNR 2008, 2010	PWRW	482829.4	5190455	-93.2253	46.86741	01005300			07010103
301	48	Aitkin	Rat Lake		01-0077-00			01007700	Lake	442	45	2007, MDNR 2008, 2010	PWRW	473428.4	5174048	-93.34769	46.71946	01007700			07010103

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Alphabetical by County Name

OBJECTID	File_Num	COUNTYNAME	NAME	AUT_NAME	MPCA_WID	T_SITE	ENG	DOMEXNUM	WB_Type	ACRES	NR2008ES	REFERENCE	SOURCE	STATUS	LISTM_X	WUTM_Y	DO_W	W_LAT	DO_W	XIDNUM	HIBAL	if_INT	al_W	HUCB
302	49	Aitkin	Red Lake		01-0107-00			01010700	Lake	97	2007, MDNR	459946.4	5176730	-93.52434	46.74292	01010700								07010103
304	51	Aitkin	Rice Lake		01-0067-00			01006700	Lake	3635	MDNR 2008, 1700 2010	471900.4	5151422	-93.36631	46.51578	01006700								07010104
305	50	Aitkin	Rice Lake		01-0005-00			01000500	Lake	83	2007, MDNR	489578.4	5160181	-93.13606	46.59511	01000500								07010103
305	1	52	Aitkin	Rice River	07010104-508	01r1			Stream		MDNR 2008, Survey	474030.9	5155713	-93.33878	46.55448	01r1								07010104
306	53	Aitkin	Ripple Lake		01-0146-00			01014600	Lake	676	MDNR 2008, MDNR APM, 50 2010	448548.4	5145724	-93.67009	46.46313	01014600								07010104
307	54	Aitkin	Ripple River		07010104-661	01r3			Stream		2007, MDNR	446314.6	5148634	-93.69951	46.48914	01r3								07010104
308	55	Aitkin	Rock Lake		01-0072-00			01007200	Lake	366	MDNR 2008, 2010, MPCA	470338.4	5164612	-93.38752	46.63441	01007200								07010103
1435	29	Aitkin	Round		01-0204-00			01020400	Lake	736	MPCA 2013	438037.3	5131543	-93.80509	46.33463	1020400								07010207
1434	28	Aitkin	Round		01-0137-00			01013700	Lake	634	1 MDNR 2008	450130	5174962	-93.65264	46.72635	1013700								07010104
1432	26	Aitkin	Round		01-0070-00			01007000	Lake	188	MPCA 2013	471006.2	5166208	-93.37889	46.6488	1007000								07010103
1433	27	Aitkin	Round		01-0023-00			01002300	Lake	571	MPCA 2013	485281.7	5171454	-93.19251	46.69648	1002300								07010103
309	56	Aitkin	Salo Marsh State WMA Imp.		01-0415-00			01041500	Lake	690	MDNR 2008, 76 2010, 1854 List	493183.4	5160046	-93.08889	46.59994	01041500								07010103
310	57	Aitkin	Sanders Lake		01-0076-00			01007600	Lake	55	36 MDNR 2008	469153.4	5178568	-93.40393	46.75995	01007600								07010103
6		Aitkin	Sandy River		07010103-512	SR01_1			Stream		MDNR 2008, Survey	473327.2	5168133	-93.34867	46.66622									07010103
311	1	58	Aitkin	Sandy River	07010103-504	01r2			Stream		MDNR 2008	474985.9	5181845	-93.32774	46.78968	01r2								07010103
84	59	Aitkin	Sandy River Lake		01-0060-00			01006000	Lake	368	2007, MDNR	475786.4	5174202	-93.31685	46.72094	01006000								07010103
85	60	Aitkin	Savanna Lake		01-0014-00			01001400	Lake	86	1 Survey	486172.4	5188043	-93.18136	46.84579	01001400								07010103
86	1	61	Aitkin	Savanna River	07010103-514	01r5			Stream		2007, MDNR	483448.2	5180637	-93.21682	46.77908	01r5								07010103
1436	30	Aitkin	Section 25		01-0127-00			01012700	Lake	48	MPCA 2013	456295.4	5143299	-93.56897	46.44185	1012700								07010104
87	62	Aitkin	Section Ten Lake		01-0115-00			01011500	Lake	440	2007, MDNR	454234.4	5147953	-93.59626	46.4836	01011500								07010104
88	63	Aitkin	Section Twelve Lake		01-0120-00			01012000	Lake	167	2007, MDNR	455233.4	5147674	-93.58322	46.48115	01012000								07010104
89	64	Aitkin	Shovel Lake		01-0200-00			01020000	Lake	230	1 MDNR APM	442052.4	5198923	-93.76138	46.94131	01020000								07010103
90	65	Aitkin	Sisabagamah Lake		01-0129-00			01012900	Lake	386	207 MDNR 2008	453463.4	5150233	-93.60653	46.50406	01012900								07010104
91	66	Aitkin	Sitas Lake		01-0134-00	101340		01013400	Lake	59	5 MDNR 2008	452673.2	5178052	-93.61968	46.75484	1013400								07010104
1437	31	Aitkin	Sixteen		01-0124-00			01012400	Lake	18	1 MDNR 2008	451295.7	5146730	-93.63441	46.47238	1012400								07010104

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OBJECTID	FILE_NUM	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	EDGE	DOWLKNUM	WE_Type	ACRES	NR2008	REFERENCE	SOURCE	STATUS	USUTM_X	USUTM_Y	WEON_DD	WAT_DD	XIDNUM	RIBAL_ID	INT_B_W	HUC8
92	67	Atkin	Sjodin Lake		01-0316-00			01031600	Lake	43	28	2007, MDNR 2008, 2010	PWRW		452633.4	5143476	-93.61666	46.4432	01031600			07010104
1438	32	Atkin	Spectacle		01-0156-00			01015600	Lake	107	1	MDNR 2008	II		439000.2	5136950	-93.79328	46.38337	1015600			07010104
93	68	Atkin	Spirit Lake		01-0178-00			01017800	Lake	523	26	2007, MDNR 2008, MCBS 2017	PWRW		445566.4	5143572	-93.70734	46.44353	01017800			07010104
312	69	Atkin	Split Rock Lake		01-0002-00			01000200	Lake	27	1	1854 List, MDNR 2008	PWRW		487054.4	5139036	-93.16842	46.40478	01000200			07030003
313	70	Atkin	Spruce Lake		01-0151-00			01015100	Lake	80	80	MDNR 2008, 2010	PWRW		439418.4	5137851	-93.78796	46.39152	01015100			07010104
314	71	Atkin	Steamboat Lake		01-0071-02			01007102	Lake	59	15	MDNR 2008	PWRW		472782.4	5165452	-93.35564	46.64208	01007102			07010103
315	72	Atkin	Stony Lake		01-0017-00			01001700	Lake	52	5	MDNR 2008	PWRW		489140.4	5184429	-93.14235	48.81332	01001700			07010103
1439	33	Atkin	Studhorse		01-0110-00			01011000	Lake	63		MPCA 2013	II		457566.2	5202214	-93.55786	46.97209	1011000			07010103
1441	35	Atkin	Sugar		01-0084-00			01008400	Lake	23	1	MDNR 2008	II		464000.2	5139617	-93.46838	46.40917	1008400			07010104
1440	34	Atkin	Sugar		01-0087-00			01008700	Lake	416	1	MDNR 2008	II		463357.8	5140348	-93.47768	46.41571	1008700			07010104
316	73	Atkin	Swamp Lake		01-0092-00			01009200	Lake	270	1	MDNR 2008, MDNR APM	PWRW		464359.4	5143111	-93.46398	46.44063	01009200	Mill Partial e Lacs		07010104
317	1	Atkin	Tamarack River		07010103-758	017			Stream			MDNR 2008, Survey	PWRW		488340	5180292	-93.15273	46.77607	017			07010103
1442	36	Atkin	Thornton		01-0174-00			01017400	Lake	186		MPCA 2013	II		438529.4	5144598	-93.80041	46.45215	1017400			07010104
1443	37	Atkin	Turner		01-0074-00			01007400	Lake	63		MPCA 2013	II		468997.5	5162049	-93.40486	46.61129	1007400			07010104
318	75	Atkin	Twenty Lake		01-0085-00			01008500	Lake	153	119	2007, MDNR 2008, 2010	PWRW		459341.4	5135173	-93.52861	46.36891	01008500			07010207
1450	44	Atkin	Unnamed		01-0450-00			01045000	Lake	5		MPCA 2013	II		444468.1	5148707	-93.72358	46.48964	1045000			07010104
1444	38	Atkin	Unnamed		01-0372-00			01037200	Lake	22		MPCA 2013	II		443118	5154834	-93.74192	46.54467	1037200			07010104
1447	41	Atkin	Unnamed		01-0020-00			01002000	Lake	19	1	MDNR 2008	II		487644.5	5189533	-93.16209	46.85921	1002000			04010201
1449	43	Atkin	Unnamed		01-0314-00			01031400	Lake	16		MPCA 2013	II		456367.2	5144219	-93.56812	46.45013	1031400			07010104
1448	42	Atkin	Unnamed	Washburn	01-0262-00			01026200	Lake	14	1	MDNR 2008	II		464219.8	5202944	-93.47045	46.97905	1026200			07010103
1445	39	Atkin	Unnamed (Rice)		01-0419-00			01041900	Lake	16	1	MDNR 2008	II		452610.5	5174495	-93.62013	46.72233	1041900			07010104
320	77	Atkin	Unnamed (Round Lake Pothole)		01-0285-00			01028500	Lake	15	12	MDNR 2008	PWRW		449576.4	5173977	-93.65978	46.71744	01028500			07010104

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PROJECT_ID	FILE_NUM	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	FT_SITE	ETG	DOWNLKNUM	WE_Type	ACRES	NR2008ES	REFERENCE	SOURCSTATUS	LISUTM_X	WBUTM_Y	WBUTM_X	WBUTM_Y	WBUTM_X	WBUTM_Y	WBUTM_X	WBUTM_Y	WBUTM_X	WBUTM_Y	XIDNUM	RBAL	II	INT	AI	W	HUC3
1446	40	Aitkin	Unnamed (Twin Lakes)		01-0413-00			01041300	Lake	10		MPCA 2013	II	471981.1	5159657	-93.36539	46.53559	1041300												07010104
321	78	Aitkin	Upper Blind Lake		01-0331-00			01033100	Lake	14	3	MDNR 2008	PWRW	444450.4	5168085	-93.72613	46.66402	01033100												07010104
1451	45	Aitkin	Vanduse		01-0058-00			01005800	Lake	233		MPCA 2013	II	481566.7	5202489	-93.24235	46.97567	1005800												07010103
322	79	Aitkin	Washburn Lake		01-0111-00			01011100	Lake	73	4	MDNR 2008	PWRW	464775.4	5202771	-93.46313	46.97793	01011100												07010103
323	80	Aitkin	Waukenabo Lake		01-0136-00			01013600	Lake	819	49	2010	MDNR APM,	PWRW	452495.4	5175994	-93.62179	46.73527	01013600											07010104
324	81	Aitkin	West Lake		01-0287-00			01028700	Lake	51	20	2008	MDNR	PWRW	451526.4	5177392	-93.63462	46.74832	01028700											07010104
325	82	Aitkin	White Elk Lake		01-0148-00			01014800	Lake	780	350	2008, 2010	MDNR	PWRW	448502.4	5184527	-93.70123	46.81214	01014800											07010103
1452	46	Aitkin	Wilkins		01-0102-00			01010200	Lake	366		MPCA 2013	II	461821.5	5165179	-93.49883	46.63908	1010200												07010104
1453	47	Aitkin	Wolf		01-0019-00			01001900	Lake	168		MDNR 2008	II	487625.6	5188548	-93.16231	46.85036	1001900												04010201
326	83	Anoka	Amelia Lake		02-0014-00			02001400	Lake	178		MDNR APM	PWRW	495871.4	4997624	-93.0525	45.13208	02001400												07010206
1454	48	Anoka	Boot		02-0028-00			02002800	Lake	130		MPCA 2013	II	489804.6	5020855	-93.15013	45.34113	2002800												07030005
1796		Anoka	Carlos Avery - Pool 16		02-0520-00	W9001016		02052000	Lake	67		MDNR 2008	II	489657	5012039	-93.13183	45.26177	02052000												07010206
2292		Anoka	Carlos Avery - Pool 17		02-0529-00	W9001017		02052900	Lake	185		MDNR 2008	II	491266.1	5010420	-93.11129	45.24722	02052900												07010206
2293		Anoka	Carlos Avery - Pool 23		02-0493-00	W9001023		02049300	Lake	1600		MDNR 2008	II	497686	5023157	-93.02955	45.36192	02049300												07030005
1795		Anoka	Carlos Avery - Pool 9 (2)		02-0508-00	W9001011		02050800	Lake	71	30	MDNR 2008	PWRW	497646.9	5018343	-93.03002	45.31859	02050800												07030005
327	84	Anoka	Carlos Avery WMA - Pool 1		02-0505-00	W9001001		02050500	Lake	180	15	MDNR 2008	PWRW	49792.5	5018395	-93.09196	45.31903	1												07030005
328	85	Anoka	Carlos Avery WMA - Pool 13		02-0520-00	W9001013		02052000	Lake	586	2	MDNR 2008	PWRW	490609.6	5014447	-93.11974	45.28346	3												07010206
329	86	Anoka	Carlos Avery WMA - Pool 14		02-0520-00	W9001014		02052000	Lake	749	15	MDNR 2008	PWRW	489657.1	5012040	-93.13183	45.26178	4												07010206
330	87	Anoka	Carlos Avery WMA - Pool 2		02-0505-00	W9001002		02050500	Lake	683	20	MDNR 2008	PWRW	491141.5	5020020	-93.11305	45.33363	2												07030005
331	88	Anoka	Carlos Avery WMA - Pool 22		02-0029-00	W9001022		02002900	Lake	141	10	MDNR 2008	PWRW	496000.5	5021608	-93.05105	45.34797	2												07030005
332	89	Anoka	Carlos Avery WMA - Pool 24		02-0496-00	W9001024		02049600	Lake	35	2	MDNR 2008	PWRW	496006.7	5019305	-93.05096	45.32724	4												07030005
333	90	Anoka	Carlos Avery WMA - Pool 26		02-0029-00	W9001026		02002900	Lake	200	5	MDNR 2008	PWRW	497650.8	5019886	-93.02988	45.33248	6												07030005
334	91	Anoka	Carlos Avery WMA - Pool 3		02-0505-00	W9001003		02050500	Lake	186	120	2010	MDNR 2008,	PWRW	493904.8	5019102	-93.07778	45.3254	3											07030005
335	92	Anoka	Carlos Avery WMA - Pool 5		02-0504-00	W9001005		02050400	Lake	52	25	MDNR 2008	PWRW	494977.9	5020448	-93.0641	45.33753	5												07030005
336	93	Anoka	Carlos Avery WMA - Pool 7		02-0497-00	W9001007		02049700	Lake	240	3	MDNR 2008	PWRW	495649.6	5020955	-93.06574	45.34218	7												07030005

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Alphabetical by County Name

OBJECTID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE_Eng	DOWNKUMWB_Type	ACRES	MR2008ES	REFERENCE_SOURSTATUS	JUSTM_X_WLITM_Y_WEDN_DD_WAT_DD_W	XIDNUM	RIBAL_ID	INT_a_W	HUC8				
337	94	Anoka	Carlos Avery WMA - Pool 9		02-0504-00	W9001 009	Lake	269	120	MDNR 2008, 2010, UofM/MPCA	495666.4	5018378	-93.05529	45.31889	9	W900100			07030005
1455	49	Anoka	Carlos Avery WMA Pool 15		02-0520-00	W9001 015	Lake	365	1	MDNR 2008	497788.5	5011664	-93.02819	45.25847	5	W900101			07010206
1456	50	Anoka	Carlos Avery WMA Pool 6		02-0029-00	W9001 006	Lake	200	1	MDNR 2008	496024.1	5019993	-93.05074	45.33343	6	W900100			07030005
1457	51	Anoka	Deer		02-0059-00		Lake	376	10	MPCA 2013	484232.7	5021399	-93.20127	45.34592	2005900				07010207
1458	52	Anoka	East Twin		02-0020-00		Lake	171	1	MDNR 2008	490986.4	5015897	-93.11496	45.29652	2002000				07030005
1459	53	Anoka	Fish		02-0065-00		Lake	332	1	MPCA 2013	486951.7	5027760	-93.16673	45.40324	2006500				07010207
1461	55	Anoka	Grass		02-0092-00		Lake	12	1	MDNR 2008	476255.1	5022705	-93.30316	45.35745	2009200				07010207
1460	54	Anoka	Grass		02-0113-00		Lake	36	1	MDNR 2008	466526.9	5009522	-93.42648	45.23839	2011300				07010207
338	95	Anoka	Hickey Lake		02-0096-00		Lake	41	2007, MDNR 2008, 2010	PWRW	472994.4	5019467	-93.34462	45.32819	02009600				07010207
339	96	Anoka	Little Coon Lake		02-0032-00		Lake	486	10	MDNR 2008	491483.4	5017356	-93.10864	45.30966	02003200				07030005
16	Anoka	Norris			02-0106-00		Lake	54	1	MCBS 2017	469406.8	5025112	-93.39075	45.37886	02010600				07010207
340	97	Anoka	Pickrel Lake		02-0130-00		Lake	303	25	MDNR 2008, MCBS 2017	464868.4	5020662	-93.44839	45.33859	02013000				07010207
1462	56	Anoka	Rice		02-0008-00		Lake	371	1	MDNR 2008, UofM/MPCA	490438.9	5000083	-93.12164	45.15416	2000800				07010206
1463	57	Anoka	Rice		02-0043-00		Lake	64	1	MDNR 2008	489226.8	5021923	-93.13753	45.35073	2004300				07030005
1464	58	Anoka	Rice Creek		07010206- 584	021	Stream			MDNR 2008	480093.6	4993462	-93.25299	45.09434	021				07010206
1465	59	Anoka	Rondeau		02-0015-00		Lake	552		MDNR 2008	494506.4	5005492	-93.06486	45.2029	2001500				07010206
1466	60	Anoka	Rum River		07010207- 556	021	Stream			MDNR 2008	469285.8	5004209	-93.391	45.1907	021				07010206
341	98	Anoka	Swan Lake		02-0098-00		Lake	273	33	MDNR 2008	478011.4	5018353	-93.28055	45.31834	02009800				07010207
342	99	Anoka	Trott Brook		07010207- 680	13UM0 44	Stream			MPCA_BioMon	465548.4	5014478	-93.43929	45.28296	13UM044				07010207
1471	65	Anoka	Unnamed		02-0029-00		Lake	1037		MPCA 2013	496555.8	5020090	-93.04651	45.33431	2002900				07030005
1470	64	Anoka	Unnamed		02-0030-00		Lake	235		MPCA 2013	493954.5	5018810	-93.07714	45.32277	2003000				07030005
1469	63	Anoka	Unnamed		02-0031-00		Lake	635		MPCA 2013	494590.1	5017726	-93.06902	45.31302	2003100				07030005
1468	62	Anoka	Unnamed		02-0505-00		Lake	1732		MPCA 2013	493204.8	5018864	-93.08671	45.32325	2005000				07030005
343	100	Anoka	Unnamed Lake		02-0101-00		Lake	148	80	MPCA 2013	477384.4	5028506	-93.28901	45.40971	02010100				07010207
1472	66	Anoka	West Twin		02-0033-00		Lake	18		MDNR 2008	490602.9	5016120	-93.11985	45.29852	2003300				07030005
344	101	Becker	Abners Lake		03-0039-00		Lake	100	80	MDNR 2008, 2010	327955.4	5221079	-95.26814	47.12076	03003900				07010106
345	102	Becker	Acorn Lake		03-0258-00		Lake	144		MCBS2011, MPCA 2013	289668.4	5180362	-95.75351	46.74367	03025800				09020103
2254	Becker	Albertson			03-0266-00		Lake	73		MDNR 2008, Survey	294389.6	5177386	-95.69044	46.71839					09020103
1473	67	Becker	Alvin		03-0184-00		Lake	20		MPCA 2013	299203.8	5192037	-95.63394	46.85156	3018400				09020103

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MPCA_WR_DEV Excerpt
Alphabetical by County Name

PROJECT_ID	FILE_NUM	COUNTYNAME	NAME	AUT_NAME	MPCA_WID	T_SITE	ENG	DOWNUM	WB_Type	ACRES	NR2008S	REFERENCE	SOURTATUS	LISTUM_X	WUTUM_Y	WIDN_DO	W_LAT_DD_W	XIDNUM	RIBAL	INT	AL_W	HUCB
346	103	Becker	Aspinwall Lake		03-0104-00			03010400	Lake	178	18	MDNR 2008	PWRW	315997.4	5206893	-95.41987	46.98998	03010400	Wholly	h	Y	07010106
2295		Becker	Axberg		03-0660-00			03066000	Lake	47		MDNR 2008	II	257755.5	5192517	-96.17711	46.84208					09020106
1474	68	Becker	Bad Medicine		03-0085-00			03008500	Lake	782		MPCA 2013	II	318153.3	5222271	-95.39774	47.12884	3008500	Wholly	h	Y	07010106
347	104	Becker	Balsam Lake		03-0292-00			03029200	Lake	148	10	MDNR 2008	PWRW	295414.3	5204140	-95.68903	46.95919	03029200				09020106
2296		Becker	Bass		03-0480-00			03048000	Lake	28		MDNR 2008	II	277066.6	5187119	-95.98699	46.79862					09020103
1475	69	Becker	Bass		03-0332-00			03033200	Lake	138		MPCA 2013	II	291328.8	5220284	-95.75012	47.10303	3033200	Wholly	h	Y	09020108
1476	70	Becker	Bass		03-0127-00			03012700	Lake	142		MPCA 2013	II	315718.5	5197533	-95.41974	46.96575	3012700				07010106
348	105	Becker	Bass Lake		03-0088-00			03008800	Lake	208	10	MDNR 2008, MDNR APM	PWRW	320302.4	5220722	-95.36681	47.1155	03008800	Wholly	h	Y	07010106
2297		Becker	Bean		03-0411-00			03041100	Lake	19		MDNR 2008, UofM/MPCA 2013	II	281387.6	5201856	-95.87207	46.9342					09020103
1477	71	Becker	Besseau (Bijou)		03-0638-00			03063800	Lake	229		MPCA 2013	II	259894.1	5190261	-96.14792	46.82258	3063800				09020103
349	106	Becker	Big Basswood Lake		03-0096-00			03009600	Lake	586	2007, MDNR 2008, 2010, 304	MDNR 2008, 2010, 304	PWRW	322508.3	5216278	-95.338	47.07614	03009600	Wholly	h	Y	07010106
1478	72	Becker	Big Cormorant		03-0576-00			03057600	Lake	3380		MPCA 2013	II	266512.7	5183837	-96.058	46.76721	3057600				09020103
350	107	Becker	Big Elbow Lake		03-0159-00			03015900	Lake	1002		MDNR APM	PWRW	307135.3	5224037	-95.54363	47.14158	03015900	Wholly	h	Y	09020103
351	108	Becker	Big Floyd Lake		03-0387-00			03038700	Lake	1212		MDNR APM	PWRW	282251.3	5194847	-95.85738	46.87148	03038700				09020103
352	109	Becker	Big Rat Lake		03-0246-00			03024600	Lake	1102	110	MDNR 2008, 2010	PWRW	297947.4	5218802	-95.66232	47.09177	03024600	Wholly	h	Y	09020108
353	110	Becker	Big Rush Lake		03-0103-00			03010300	Lake	1128	20	MDNR 2008	PWRW	316123.4	5208524	-95.41886	47.00468	03010300	Wholly	h	Y	07010106
354	111	Becker	Big Sugarbush Lake		03-0304-00			03030400	Lake	668		MDNR APM, MPCA 2013	PWRW	288668.3	5213761	-95.78208	47.04356	03030400	Wholly	h	Y	09020106
355	112	Becker	Blackbird Lake		03-0197-00			03019700	Lake	284	42	2008, 2010	PWRW	301066.4	5202367	-95.61405	46.94498	03019700				09020103
356	113	Becker	Blueberry Lake		03-0007-00			03000700	Lake	160	2	MDNR 2008	PWRW	330926.4	5189534	-95.21724	46.83786	03000700				07010106
357	114	Becker	Booth Lake		03-0198-00			03019800	Lake	48	43	MDNR 2008, 2010	PWRW	303308.4	5202770	-95.58479	46.94927	03019800				09020103

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PROJECT FILE #	FILE #	COUNTY NAME	NAME	ALT_NAME	MPCA_WID	T_SITE	ETG	DOWL	KALUMWB	Typ	AGRES	NP2008BES	REFERENCE	SOURTATUS	US	JTM_X	WB	JTM_Y	W	WHON	DD	WAT	DD	W	XIDNUM	RIBAL	IF	INT	FL	W	HUC6
358	115	Becker	Buffalo Lake		03-0350-00			03035000	Lake		444		2007, MDNR 2008, MDNR 89 APM, 2010	PWRW		287619.4	5205684	-95.79209	46.97062	03035000	Y		Partial	Earth					09020106		
359	1	116	Becker	Buffalo River	09020106-594			Stream				2007	II			258407.3	5202008	-96.1736	46.9276	03River									09020106		
360	117	Becker	Bullhead Lake		03-0312-00			Lake			39	6 MDNR 2008	PWRW			289714.4	5210598	-95.76686	47.01546	03031200	Wholly	h	Y	Wholly	Earth			09020106			
361	118	Becker	Bush Lake		03-0212-00			Lake			110	MDNR 2008, 40, 2010	PWRW			304934.3	5212160	-95.56749	47.03416	03021200	Wholly	h	Y	Wholly	Earth			09020103			
362	119	Becker	Cabin Lake		03-0346-00			Lake			38	2007, MDNR 2008, 2010	PWRW			290296.4	5216370	-95.76189	47.06753	03034600	Wholly	h	Y	Wholly	Earth			09020108			
363	120	Becker	Camp Seven Lake		03-0151-00			Lake			78	8 MDNR 2008	PWRW			311501.4	5216020	-95.48275	47.07077	03015100	Wholly	h	Y	Wholly	Earth			09020103			
1479	73	Becker	Campbell		03-0419-00			Lake			547	MPCA 2013	II			283042.4	5200878	-95.84989	46.92595	3041900									09020103		
364	121	Becker	Carman Lake		03-0209-00			Lake			217	2007, MDNR 2008, 2010	PWRW			300240.3	5211564	-95.62538	47.03639	03020900	Wholly	h	Y	Wholly	Earth			09020103			
365	122	Becker	Chippewa Lake		03-0195-00			Lake			960	288 MDNR 2008, 2010	PWRW			303016.4	5204660	-95.58944	46.96618	03019600									09020103		
1480	74	Becker	Cotton		03-0286-00			Lake			1916	MPCA 2013	II			294456.7	5194608	-95.6973	46.87322	3028600									09020103		
1481	75	Becker	Dahlberg		03-0577-00			Lake			77	MDNR 2008	II			267450.5	5187844	-96.04777	46.80354	3057700									09020103		
1482	76	Becker	Dead		03-0160-00			Lake			296	MDNR 2008, Survey	PWRW			304728.5	5176978	-95.55513	46.71782	3016000									09020103		
1483	77	Becker	Detroit		03-0381-00			Lake			3089	MPCA 2013	II			284939.2	5185472	-95.81774	46.78809	3038100									09020103		
366	123	Becker	Dinner Lake		03-0044-00			Lake			53	2007, MDNR 11 2008	PWRW			334090.4	5216648	-95.18569	47.08248	03004400									07010106		
1484	78	Becker	Dumbell		03-0124-00			Lake			149	MPCA 2013	II			314060.4	5199753	-95.44239	46.92525	3012400									07010106		
367	124	Becker	Eagen Lake		03-0318-00			Lake			85	2007, MDNR 2008	PWRW			289389.4	5207315	-95.7696	46.95855	03031800	Wholly	h	Y	Wholly	Earth			09020106			
1485	79	Becker	Elbow		03-0065-00			Lake			65	MPCA 2013	II			320532	5200501	-95.35776	46.93375	3006500									07010106		
368	125	Becker	Equay Lake		03-0219-00			Lake			73	7 MDNR 2008	PWRW			301960.3	5206936	-95.6043	46.98632	03021900	Wholly	h	Y	Wholly	Earth			09020103			
1486	80	Becker	Eunice		03-0503-00			Lake			370	MPCA 2013	II			273248.9	5180369	-95.96818	46.73836	3050300									09020103		
369	126	Becker	Flat Lake		03-0242-00			Lake			1970	2007, MDNR 197 2008, 2010	PWRW			298053.3	5205762	-95.6551	46.97459	03024200	Y	h	Partial	Earth					09020103		
1487	81	Becker	Floyd		03-0387-00			Lake			1212	MPCA 2013	II			282238.5	5194816	-95.85754	46.8712	3038700									09020103		

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Alphabetical by County Name

OBJECTID	Seq_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	FT_SITE	ETIS	DOWLXNUM	WB_Type	ACRES	NR2008ES	REFERENCE	SOURTSTATUS	LISUTM_X	WHUTM_Y	WLONG_DD	WLAT_DD	WIDNUM	NBAAL	IF	INTal_W	HUC3	
370	127	Becker	Gull Creek		09020108-569		03r2		Stream			2007, MDNR 2008	PWRW	293445.9	5224479	-95.72417	47.14141	03r2		Wholly	h	Y	09020108
94	128	Becker	Gyles Lake		03-0066-00			03006600	Lake	42	16	MDNR APM	PWRW	322401.4	5199109	-95.33268	46.92174	03006600					07010106
1488	82	Becker	Halverson		03-0412-00			03041200	Lake	18		MDNR 2008	II	282006.8	5201948	-95.86399	46.93522	3041200					09020103
1489	83	Becker	Hanson		03-0177-00			03017700	Lake	35		MPCA 2013, MDNR APM	PWRW	297276.5	5195782	-95.66086	46.88464	3017700					09020103
95	129	Becker	Height Of Land Lake		03-0195-00			03019500	Lake	3943	197	MDNR 2008, MPCA 2013	PWRW	301471.4	5196403	-95.60613	46.89149	03019500					09020103
1490	84	Becker	Hernando DeSoto		03-0032-00			03003200	Lake	180		MPCA 2013	II	331346.2	5223292	-95.2243	47.14153	3003200					07010101
96	130	Becker	Hubbel Pond Lake		03-0240-00			03024000	Lake	561	168	MDNR 2008, 2010	PWRW	297235.4	5194057	-95.66063	46.86912	03024000					09020103
1491	85	Becker	Hungry		03-0166-00			03016600	Lake	245		MPCA 2013	II	299463.7	5185331	-95.62759	46.79135	3016600					09020103
97	131	Becker	Ida Lake		03-0582-00			03058200	Lake			MDNR APM	PWRW	263244.4	5180053	-96.09879	46.73205	03058200					09020103
98	132	Becker	Indian Creek	(I.C. Impoundment)	07010106-569		03r4		Stream			2007, MDNR 2008	PWRW	325356.2	5213645	-95.2995	47.05323	03r4		Partial	h	Y	07010106
1492	86	Becker	Island		03-0153-00			03015300	Lake	1209		MPCA 2013	II	307189.4	5200159	-95.53273	46.92694	3015300					09020103
99	133	Becker	Johnson Lake		03-0199-00			03019900	Lake	181	40	MDNR 2008, 2010	PWRW	302284.4	5201674	-95.59776	46.99911	03019900					09020103
100	134	Becker	Johnson Lake		03-0374-01			03037401	Lake			MDNR APM	PWRW	28332.3	5179457	-95.83593	46.73351	03037401					09020103
1493	87	Becker	Jones		03-0123-00			03012300	Lake	36		MPCA 2013	II	310515.2	5202102	-95.4899	46.94536	3012300					07010106
1494	88	Becker	Juggler		03-0136-00			03013600	Lake	434		MPCA 2013	II	313475.4	5222557	-95.45948	47.1301	3013600		Wholly	h	Y	09020103
101	135	Becker	Kane Lake		03-0042-00			03004200	Lake	28		MCBS 2011, MPCA 2013	PWRW	334229.4	5218537	-95.18456	47.0995	03004200					07010106
102	136	Becker	Kneebone Lake		03-0090-00			03009000	Lake	149	15	MDNR 2008	PWRW	319121.4	5219340	-95.3838	47.10275	03009000		Wholly	h	Y	07010106
103	137	Becker	Knutson Lake		03-0004-00			03000400	Lake	54		MCBS 2011, MPCA 2013	PWRW	333027.4	5191657	-95.19049	46.85749	03000400					07010106
1495	89	Becker	Leif		03-0575-00			03057500	Lake	519		MPCA 2013	II	268705.5	5186839	-96.03084	46.79495	3057500					09020103
1496	90	Becker	Little Bass		03-0337-00			03033700	Lake	87		MPCA 2013	II	292031.6	5219611	-95.74055	47.09721	3033700		Wholly	h	Y	09020108
104	138	Becker	Little Basswood Lake		03-0092-00			03009200	Lake	105	31	MDNR 2008, 2010	PWRW	322586.4	5218131	-95.3377	47.09282	03009200		Wholly	h	Y	07010106

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OBJECTID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE_Eng	Down	WATER	MB_Type	ACRES	NR2008ES	REFERENCE	SOURSTATUS	USJTM_X	WJTM_Y	WJON_DD	WJAT_DD	XIDNUM	RIBAL	INT	J_W	HUC8		
105	139	Becker	Little Dinner Lake		03-0045-00		03004500	Lake		12	5	MDNR 2008	PWRW	333255.3	5216498	-95.19663	47.08092	03004500				07010106		
												MDNR 2008, 2010, UoM/MPCA									Wholly			
106	140	Becker	Little Flat Lake		03-0217-00		03021700	Lake		235	211	2013	PWRW	298016.4	5208241	-95.65669	46.99686	03021700	Wholly	h	Y		09020103	
107	141	Becker	Little Floyd Lake		03-0386-00		03038600	Lake		231		MDNR APM, MPCA 2013	PWRW	284072.4	5195156	-95.83366	46.87485	03038600					09020103	
1497	91	Becker	Little Long		03-0009-00		03000900	Lake		14	333473	MPCA 2013	II	333473	5188746	-95.18358	46.83142	3000900					07010106	
1498	92	Becker	Little Mud		03-0188-00		03018800	Lake		63	300482	MPCA 2013	II	300482	5189887	-95.61616	46.83082	3018800					09020103	
108	142	Becker	Little Mud Lake		03-0022-00		03002200	Lake		25	6	MDNR 2008	PWRW	333403.4	5209154	-95.19197	47.01492	03002200					07010106	
																					Wholly			
109	143	Becker	Little Rice Lake		03-0239-00		03023900	Lake		110	21	MDNR 2008	PWRW	302812.4	5216885	-95.59745	47.07601	03023900	Wholly	h	Y		09020103	
																					Wholly			
110	144	Becker	Little Round Lake		03-0302-00		03030200	Lake		565		2007, MDNR 2008, 2010, UoM/MPCA 2013	PWRW	290953.3	5205453	-95.7482	46.96961	03030200	Partial	h	Y		09020106	
1499	93	Becker	Little Sugar Bush		03-0313-00		03031300	Lake		222		MPCA 2013	II	289126.9	5209181	-95.77392	47.00254	3031300	Wholly	h	Y		09020106	
111	145	Becker	Little Toad Lake		03-0189-00		03018900	Lake		434		MDNR APM, MPCA 2013	PWRW	304392.4	5190187	-95.56516	46.83647	03018900					09020103	
112	146	Becker	Long Lake		03-0383-00		03038300	Lake				MDNR APM	PWRW	278830.4	5187791	-95.8988	46.80694	03038300					09020103	
1500	94	Becker	Loon		03-0489-00		03048900	Lake		236		MPCA 2013	II	275698.5	5181988	-95.93695	46.75374	3048900					09020103	
																					Wholly			
113	147	Becker	Lower Egg Lake		03-0210-00		03021000	Lake		171	75	MDNR 2008, 2010	PWRW	302375.4	5211999	-95.60106	47.03196	03021000	Wholly	h	Y		09020103	
45		Becker	Lyman WPA		03-0176-00	03IMP	03017600	Wetland		26		MDNR 2008	II	304878.3	5195267	-95.56096	46.88228						09020103	
2298		Becker	Lyman WPA		03-0175-00	03IMP	03017500	Wetland		16		MDNR 2008	II	304894.1	5194721	-95.56052	46.87738						09020103	
114	148	Becker	Many Point Lake		03-0158-00		03015800	Lake		1588		MCBS 2011, MPCA 2013	PWRW	308029.4	5217388	-95.52901	47.08207	03015800	Wholly	h	Y		09020103	
115	149	Becker	Mary Yellowhead Lake		03-0243-00		03024300	Lake		68	7	MDNR 2008	PWRW	296075.3	5210568	-95.68324	47.01718	03024300	Wholly	h	Y		09020106	
1501	95	Becker	Maud		03-0500-00		03050000	Lake		540		MPCA 2013	II	272107.6	5181384	-95.98361	46.7471	3050000					09020103	
1502	96	Becker	Meadow		03-0371-00		03037100	Lake		66		MPCA 2013	II	280705.1	5181777	-95.87138	46.75351	3037100					09020103	
1503	97	Becker	Melissa		03-0475-00		03047500	Lake		1827		MPCA 2013	II	278685.3	5180621	-95.89724	46.74245	3047500					09020103	
1506	100	Becker	Mud		03-0187-00		03018700	Lake		144		MPCA 2013	II	301368.1	5189880	-95.60464	46.83282	3018700					09020103	
1504	98	Becker	Mud		03-0120-00		03012000	Lake		170		MDNR 2008, Survey	PWRW	309504.9	5202421	-95.50329	46.94794	3012000						07010106
1505	99	Becker	Mud		03-0016-00		03001600	Lake		86		MDNR 2008	II	329505.5	5211578	-95.24413	47.03572	3001600					07010106	

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Alphabetical by County Name

PROJECT FILE #	NUM	COUNTYNAME	NAME	AUT_NAME	MPCA_WID	II_SITE	FILE	DOWNUM	WBE_Type	ACRES	REFERENCE	SOURCE	TATUS	USUTM_X	WUTM_Y	WIDN	DD_W	AT_DD_W	XIDNUM	RIBAL	INT	al_w	HUC6
117	151	Becker	Mud Lake		03-0067-00			03006700	Lake	88	83 2010	MDNR 2008,	PWRW	323939.3	5199033	-95.31246	46.92147	03006700					07010106
116	150	Becker	Mud Lake		03-0023-00			03002300	Lake	85	42 2010	MDNR 2008,	PWRW	333106.4	5208583	-95.19566	47.00971	03002300					07010106
1507	101	Becker	Net		03-0334-00			03033400	Lake	243	2007, MDNR 2008	II	289045.2	5220575	-95.78031	47.10492	3033400			Wholly	h	Y	09020108
118 1	152	Becker	Ottertail River		03-0334-00	03-0103-530			Stream			II	292533.8	5177176	-95.71461	46.71593	03r1						09020103
1508	102	Becker	Pearl		03-0486-00			03048600	Lake	268	MDNR 2008	II	275620.6	5184428	-95.93917	46.77564	3048600						09020103
1509	103	Becker	Pine		03-0200-00			03020000	Lake	540	MPCA 2013	II	298424.1	5199193	-95.64732	46.91565	3020000						09020106
2319	Becker	Reeves Lake			03-0374-02			03037402	Lake	112	MDNR APM	PWRW	282586.1	5180579	-95.84622	46.74335							09020103
1510	104	Becker	Rice		03-0173-00			03017300	Lake	37	MDNR 2008	II	296478.4	5177605	-95.66324	46.7211	3017300						09020103
1511	105	Becker	Rice		03-0285-00			03028500	Lake	51	MDNR 2008	II	292812.2	5187670	-95.71571	46.81034	3028500						09020103
120	154	Becker	Rice Lake		03-0201-00			03020100	Lake	245	245 APM	PWRW	303691.4	5200243	-95.57867	46.92667	03020100						09020103
119	153	Becker	Rice Lake		03-0291-00			03029100	Lake	245	196 2008, 2010	PWRW	289864.3	5203296	-95.7615	46.94987	03029100						09020106
121	155	Becker	Rock Lake		03-0293-00			03029300	Lake	1198	2007, MDNR 2008, MDNR 2010, MDNR 2011, MDNR 245 APM	PWRW	289734.4	5201191	-95.76223	46.93091	03029300						09020106
122	156	Becker	Round Lake		03-0155-00			03015500	Lake	1094	2007, MDNR 2008, MDNR 2008, MDNR APM, MCBS 0 2011	PWRW	306875.4	5212544	-95.54213	47.03819	03015500			Wholly	h	Y	09020103
459	157	Becker	Saint Patrick Lake		03-0277-00			03027700	Lake	78	78 MPCA 2013	PWRW	287467.3	5191665	-95.78754	46.84457	03027700						09020103
1512	106	Becker	Sallie		03-0359-00			03035900	Lake	1287	MPCA 2013	II	278933.7	5183811	-95.89553	46.7712	3035900						09020103
1513	107	Becker	Sand		03-0659-00			03065900	Lake	199	MPCA 2013	II	258184.3	5195045	-96.17283	46.86495	3065900						09020106
460	158	Becker	Schultz Lake		03-0278-00			03027800	Lake	103	MDNR 2008,	PWRW	286335.4	5190625	-95.77568	46.8355	03027800						09020103
1514	108	Becker	Senical		03-0365-00			03036500	Lake	122	MPCA 2013	II	286012.5	5182220	-95.80218	46.75921	3036500						09020103
1517	111	Becker	Sexton	Unnamed	03-1287-00			03128700	Wetland	6	MPCA 2013	II	329631.4	5200108	-95.23816	46.93262	03128700						07010106
461	159	Becker	Shell Lake		03-0102-00			03010200	Lake	3147	2007, MDNR 2008, MDNR 2008, MDNR APM, MCBS 169 2011, 2010	PWRW	313776.3	5202079	-95.44708	46.94608	03010200			Partial	h	Y	07010106
1515	109	Becker	Shipman		03-0005-00			03000500	Lake	71	MDNR 2008, Survey	PWRW	331125.1	5191288	-95.21529	46.85369	3000500						07010106
462	160	Becker	Sievrson / Sivertson Lake		03-0108-00			03010800	Lake	79	1 MPCA 2013, MCBS 2011	PWRW	307474.4	5195045	-95.52683	46.88104	03010800						09020103

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OBJECTID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	EDGE	DOWLKNUM	WE_Type	ACRES	NR2008ES	REFERENCE_SOUR	TSTATUS	LUS	JTM_X	WEJTM_Y	WEDON_DD_W	AT_DD_W	XIDNUM	RIBAL	INT	AL	W	HUC6
463	161	Becker	Spindler Lake		03-0214-00			03021400	Lake	185		MDNR 2008, 125 2010	PWRW		301439.4	5211634	-95.61321	47.0284	03021400	Wholly	h	Y	09020103	
464	162	Becker	St. Clair Lake		03-0430-00			03043000	Lake	192		MCBS 2011, MPCA 2013	PWRW		265229.4	5211522	-95.82624	47.0223	03043000	Wholly	h	Y	09020106	
1516	110	Becker	Strawberry		03-0333-00			03032300	Lake	1607		MPCA 2013	II		295015.5	5216646	-95.69993	47.07149	3032300	Wholly	h	Y	09020108	
2299	Becker		Tamarac NWR - Egg River	Ogemash Pool	09020103- 748	03IMP 002			Stream	71		20 MDNR 2008	PWRW		298728.4	5209512	-95.6479	47.0085		Wholly	h		09020103	
465	163	Becker	Tamarack Lake		03-0388-00			03038800	Lake			MDNR APM	PWRW		281087.4	5195666	-95.87303	46.87847	03038800				09020103	
466	164	Becker	Tamarack North Lake		03-0241-02			03024102	Lake	1442		MDNR 2008, 2010, MCBS 2011, MPCA 2013	PWRW		297363.3	5201954	-95.66247	46.94014	03024102				09020106	
467	165	Becker	Tamarack South Lake		03-0241-01			03024101	Lake			MDNR 2008, 2010, MCBS 2011	PWRW		296260.3	5197838	-95.6751	46.90281	03024101				09020106	
468	166	Becker	Tea Cracker Lake		03-0157-00			03015700	Lake	122		30 MDNR 2008	PWRW		305975.3	5207839	-95.55195	46.99563	03015700	Wholly	h	Y	09020103	
469	167	Becker	Toad Lake		03-0107-00			03010700	Lake	1816		MDNR APM, MPCA 2013	PWRW		310149.4	5193205	-95.49099	46.86527	03010700				09020103	
470	168	Becker	Town Lake		03-0264-00			03026400	Lake	117		35 MDNR 2008	PWRW		291985.4	5178797	-95.72251	46.73033	03026400				09020103	
471	169	Becker	Trieglauff Lake		03-0263-00			03026300	Lake	111		MDNR 2008, 56 2010	PWRW		294287.4	5181392	-95.69357	46.775437	03026300				09020103	
472	170	Becker	Twin Island Lake		03-0033-00			03003300	Lake	71		2007, MDNR 5 2008	PWRW		327311.4	5222863	-95.27791	47.13663	03003300				07010106	
473	171	Becker	Two Inlets Lake		03-0017-00			03001700	Lake	643		2007, MDNR 2008, MDNR 40 APM, 2010	PWRW		333307.3	5210789	-95.19384	47.0296	03001700				07010106	
1522	117	Becker	Unnamed		03-0598-00			03059800	Lake	36		MDNR 2008	II		263913.6	5185216	-96.0927	46.77868	3059800				09020103	
1521	116	Becker	Unnamed		03-0600-00			03060000	Lake	59		MDNR 2008	II		263855.6	5184677	-96.09318	46.77382	3060000				09020103	
1523	118	Becker	Unnamed		03-0599-00			03059900	Lake	34		MDNR 2008	II		264270.9	5184606	-96.08771	46.77333	3059900				09020103	
1520	115	Becker	Unnamed		03-0087-00			03008700	Lake	23		MDNR 2008	II		321685.4	5221912	-95.35106	47.12658	3008700	Wholly	h	Y	07010106	
1519	114	Becker	Unnamed		03-0175-00			03017500	Lake	25		MPCA 2013	II		304914.3	5194770	-95.56028	46.87783	3017500				09020103	
1518	113	Becker	Unnamed		03-0140-00			03014000	Lake	43		MDNR 2008	II		312344	5222999	-95.47454	47.13321	3014000	Wholly	h	Y	09020103	

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OBJECTID	FILE_NUM	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	DOWNLNUM	MB_Type	ACRES	NR2008ES	REFERENCE	STATUS	LISUTM_X	WUTM_Y	WIDN_DD	WAT_DD	WAT_DD_W	XIDNUM	IBAL_ID	INTJL_W	HUCB	
474	172	Becker	Unnamed - Big Slough Lake		03-0185-00		03018500	Lake	33	33	MPCA 2013	PWRW	298713.4	5191972	-95.64034	46.85082	03018500				09020103	
475	173	Becker	Unnamed - Davis Lake		03-0268-00		03026800	Lake	19	1	MPCA 2013	PWRW	296258.4	5196037	-95.67432	46.88662	03026800				09020103	
476	174	Becker	Unnamed - Myrel's Pond		03-1285-00	03_imp_002	03128500	Wetland	40	30	MPCA 2013	PWRW	298346	5193038	-95.64562	46.86003	03_imp_002				09020103	
477	175	Becker	Unnamed - Osprey Pond		03-1284-00		03128400	Wetland	42	42	MPCA 2013	PWRW	297665	5193292	-95.65466	46.86237					09020103	
478	176	Becker	Unnamed - Trout Pond		03-1286-00	03_imp_003	03128600	Wetland	20	20	MPCA 2013	PWRW	290197	5192399	-95.75212	46.85303	03_imp_003				09020103	
1524	119	Becker	Unnamed (Little Round)		03-0008-00		03000800	Lake	12	12	MPCA 2013	II	334775.6	5189464	-95.16677	46.8382	30009000				07010106	
482	180	Becker	Unnamed Lake		03-0776-00		03077600	Lake	20	10	MDNR 2008	PWRW	309051.3	5195729	-95.50644	46.88765	03077600				09020103	
479	177	Becker	Unnamed Lake	Indian Creek Pool	03-0786-00		03078600	Lake	149		2007, MDNR 2008, 2010	PWRW	325069.4	5212781	-95.30294	47.04538	03078600	Wholly	te	te	te	07010106
480	178	Becker	Unnamed Lake		03-0434-00		03043400	Lake	21	17	MDNR 2008	PWRW	284242.4	5210646	-95.83879	47.01413	03043400	Wholly	te	te	te	09020106
481	179	Becker	Unnamed Lake		03-0716-00		03071600	Lake	25	12	MDNR 2008	PWRW	308955.4	5192840	-95.50649	46.86164	03071600	Wholly	te	te	te	09020103
483	181	Becker	Unnamed Lake		03-1093-00		03109300	Lake	72	7	MDNR 2008	PWRW	297899.3	5211512	-95.66048	47.02621	03109300	Wholly	te	te	te	09020103
1525	120	Becker	Upper Cormorant		03-0588-00		03058800	Lake	963		MPCA 2013	II	261121.1	5184631	-96.12892	46.77243	3058800				09020103	
484	182	Becker	Upper Egg Lake		03-0206-00		03020600	Lake	493		2007, MDNR 2008, 2010	PWRW	302014.4	5213855	-95.60662	47.04853	03020600	Wholly	te	te	te	09020103
1526	121	Becker	Waboose		03-0213-00		03021300	Lake	249		MPCA 2013	II	303716.1	5211458	-95.5832	47.02749	3021300				09020103	
1527	122	Becker	Wahbegon		03-0082-00		03008200	Lake	121		MPCA 2013	II	319358.2	5215828	-95.37928	47.07124	3008200				07010106	
485	183	Becker	White Earth Lake		03-0328-00		03032800	Lake	2074		MDNR APM, MPCA 2013	PWRW	291099.3	5223131	-95.75446	47.12855	03032800	Wholly	te	te	te	09020108
486	184	Becker	Winter Lake		03-0216-00		03021600	Lake	117		MDNR 2008, 2010	PWRW	298814.4	5211323	-95.64758	47.0248	03021600	Wholly	te	te	te	09020103
487	185	Becker	Wolf Lake		03-0101-00		03010100	Lake	1453		2007, MDNR 2008	PWRW	317954.4	5188611	-95.38664	46.82615	03010100				07010107	

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OBJECTID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	DOWLKNUM	WB_Type	ACRES	NR2008ES	REFERENCE	SOURSTATUS	JUSTM_X	JUSTM_Y	WIDON_DD_W	AT_DD_W	XIDNUM	RIBAL_II	INTL_W	HUC8
453	123	Beltrami	Alice		04-0151-00		04015100	Lake	96		MPCA 2013	II	355382.9	5268252	-94.92212	47.55158	4015100		Lee ch Lak	07010101
488	186	Beltrami	Andrusia Lake		04-0038-00		04003800	Lake	1448		MCBS 2011, MPCA 2013	PWRW	3759330.4	5255988	-94.65365	47.44541	04003800	Wholly	Lee ch Lak	07010101
454	124	Beltrami	Balm		04-0329-00		04032900	Lake	512		MPCA 2013	II	341911	5294892	-95.11069	47.78797	4032900		Y	09020302
455	125	Beltrami	Barr		04-0327-00		04032700	Lake	28		MPCA 2013	II	339625.7	5295956	-95.14158	47.79697	4032700			09020302
456	126	Beltrami	Bass		04-0191-00		04019100	Lake	56		MPCA 2013	II	357778.2	5292383	-94.89815	47.76911	4019100			09020302
457	127	Beltrami	Baumgartner		04-0021-00		04002100	Lake	27		MPCA 2013	II	389522.9	5273128	-94.46976	47.60214	4002100			07010101
458	128	Beltrami	Beltrami		04-0135-00	401300	04013500	Lake	701		MPCA 2013	II	363942.5	5273008	-94.80989	47.5962	4013500			07010101
924	129	Beltrami	Bemidji		04-0130-02	0		Lake	6820		MPCA 2013	II	360618.7	5263067	-94.85093	47.50609	4013000			07010101
925	130	Beltrami	Benjamin		04-0033-00		04003300	Lake	36		MPCA 2013	II	383817.9	5277343	-94.54675	47.63906	4003300			07010101
489	187	Beltrami	Big Lake		04-0049-00		04004900	Lake	3565	250	MDNR 2008,	PWRW	379184.4	5261971	-94.60419	47.49594	04004900	Wholly	Lee ch Lak	07010101
490	188	Beltrami	Big Rice Lake		04-0031-00		04003100	Lake	642		2007, MDNR	PWRW	382935.4	5264774	-94.55515	47.52585	04003100	Wholly	Lee ch Lak	07010101
491	189	Beltrami	Blackduck Lake		04-0069-00		04006900	Lake			MDNR APM	PWRW	378766.3	5287839	-94.61689	47.73254	04006900			09020302
492	1	Beltrami	Blackduck River		09020302-513	14RD122		Stream			MPCA_BioMon	PWRW	369584.5	5307536	-94.74522	47.90788	14RD122	Partial	Red Lak	09020302
493	191	Beltrami	Bootleg Lake		04-0211-00		04021100	Lake	308	185	2008, 2010	PWRW	348674.3	5256722	-95.00727	47.44636	04021100			07010101
926	131	Beltrami	Borden		04-0027-00		04002700	Lake	30		MPCA 2013	II	385409.2	5292700	-94.52961	47.77747	4002700			09020302
494	192	Beltrami	Buck Lake		04-0042-00		04004200	Lake			MDNR APM	PWRW	382472.4	5257440	-94.55934	47.45579	04004200	Wholly	Lee ch Lak	07010101
927	132	Beltrami	Bullhead		04-0002-00		04000200	Lake	35		MPCA 2013	II	384481.6	5258865	-94.53306	47.47297	4000200	Wholly	Lee ch Lak	07010101
495	193	Beltrami	Burns Lake		04-0001-00		04000100	Lake	131	105	MDNR 2008, 2010	PWRW	392997.3	5260176	-94.42041	47.48622	04000100	Wholly	Lee ch Lak	07010101
496	194	Beltrami	Campbell Lake		04-0196-00		04019600	Lake	462	23	MCBS 2011	PWRW	353982.3	5276283	-94.94339	47.62349	04019600			07010101
928	133	Beltrami	Carla		04-0058-00		04005800	Lake	25		MPCA 2013	II	383449.5	5277817	-94.55178	47.64325	4005800			07010101
497	195	Beltrami	Carr Lake		04-0141-00		04014100	Lake	51	8	2008	PWRW	357429.4	5255931	-94.89095	47.44122	04014100			07010101
929	134	Beltrami	Carter		04-0056-00		04005600	Lake	30		MPCA 2013	II	376206.1	5277588	-94.64812	47.63985	4005600			07010101
498	196	Beltrami	Cass Lake		04-0030-00		04003000	Lake	15958	10	MDNR 2008	PWRW	385150.4	5253524	-94.5228	47.42505	04003000	Wholly	Lee ch Lak	07010101

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PROJECT #	File Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	DCGWLNUNUM	WB_Type	ACRES	NR2008ES	REFERENCE	SOURCE	STATUS	LISTM_X	WHUTM_Y	WHON_DD	WLAT_DD	WLAT_DD_W	XIDNUM	IBAL	INT	IS_W	HUC3
930	135	Beltrami	Chinaman		04-0017-00		04001700	Lake	72		MPCA 2013	II		390031.1	5275926	-94.46371	47.6274	4001700					07010101
499	197	Beltrami	Clearwater Lake		04-0343-00		04034300	Lake	1039		MDNR APV, MDNR2008	PWRW		335792.4	5289067	-95.19013	47.79407	04034300					09020305
500	198	Beltrami	Cranberry Lake		04-0123-00		04012300	Lake	77	46	2008, 2010	PWRW		367633.4	5286472	-94.76489	47.71805	04012300					09020302
931	136	Beltrami	Crandall		04-0070-00		04007000	Lake	74		MPCA 2013	II		381094.5	5285806	-94.5853	47.71468	4007000					09020302
932	137	Beltrami	Deer		04-0230-00		04023000	Lake	287		MPCA 2013	II		349050.5	5280431	-95.02373	47.65942	4023000					07010101
933	138	Beltrami	Dellwater		04-0331-00		04033100	Lake	147		MPCA 2013	II		343998.5	5294505	-95.08282	47.785	4033100					09020302
501	199	Beltrami	Depressional Wetland		04-0460-00	09Belt 143		Wetland			MPCA_BioMon	PWRW		391923.2	5285500	-94.4409	47.71383	09Belt143					07010101
934	139	Beltrami	Dutchman		04-0067-00		04006700	Lake	171		MDNR 2008, Survey	PWRW		377987.7	5281071	-94.65536	47.67151	4006700					07010101
935	140	Beltrami	Erick		04-0229-00		04022900	Lake	75		MPCA 2013	II		346839	5280560	-95.0399	47.66029	4022900					07010101
502	200	Beltrami	Erickson NW Lake		04-0068-01		04006801	Lake			MDNR 2008, 2010	PWRW		375039.4	5280951	-94.66461	47.66987	04006801					07010101
503	201	Beltrami	Erickson SE Lake		04-0068-02		04006802	Lake			MDNR 2008, 2010	PWRW		375460.3	5280193	-94.65878	47.66314	04006802					07010101
936	141	Beltrami	Fagen		04-0060-00		04006000	Lake	35		MPCA 2013	II		378068.1	5276193	-94.62295	47.62766	4006000					07010101
937	142	Beltrami	Flora		04-0051-00		04005100	Lake	178		MPCA 2013	II		375985.5	5265915	-94.64775	47.55482	4005100	Wholly				07010101
938	143	Beltrami	Fox		04-0162-00		04016200	Lake	148		MPCA 2013	II		361533	5274579	-94.84215	47.60982	4016200					07010101
939	144	Beltrami	Funk		04-0073-00		04007300	Lake	140		MPCA 2013	II		379991	5282916	-94.59921	47.68848	4007300					09020302
504	202	Beltrami	George Lake		04-0175-00		04017500	Lake	89	18	MDNR 2008	PWRW		355303.4	5286756	-94.92929	47.71796	04017500					09020302
940	145	Beltrami	Gilstad		04-0024-00		04002400	Lake	256		MPCA 2013	II		385068.2	5280803	-94.53102	47.6704	4002400					07010101
941	146	Beltrami	Gimmer		04-0020-00		04002000	Lake	77		MPCA 2013	II		391091.3	5274431	-94.44923	47.61413	4002000					07010101
505	203	Beltrami	Gourd Lake		04-0253-00		04025300	Lake			UcfM/MPCA 2013	PWRW		352786.4	5297179	-94.96663	47.81111	04025300	Wholly				09020302
942	147	Beltrami	Grant		04-0217-00		04021700	Lake	200		MPCA 2013	II		348908.1	5261713	-95.00588	47.4913	4021700					07010101
506	204	Beltrami	Grant Creek		07010101-546	04r1		Stream			2007, MDNR 2008	PWRW		345145.4	5258601	-95.05471	47.46244	04r1					07010101
943	148	Beltrami	Grass		04-0216-00		04021600	Lake	233		MDNR 2008	II		353382.8	5262301	-94.9467	47.49761	4021600					07010101
944	149	Beltrami	Greenn		04-0241-00		04024100	Lake	70		MPCA 2013	II		353048.1	5290455	-94.96059	47.75071	4024100					09020302
508	206	Beltrami	Gull Lake		04-0120-00		04012000	Lake			UcfM/MPCA 2013	PWRW		370686.4	5281499	-94.72273	47.67395	04012000					07010101
507	205	Beltrami	Gull Lake		04-0064-00		04006400	Lake	170	34	MDNR 2008	PWRW		376508.4	5273232	-94.64287	47.60073	04006400					07010101
509	207	Beltrami	Heart Lake		04-0271-00		04027100	Lake	10		2007, MDNR 2008	PWRW		353129.3	5304202	-94.96417	47.87435	04027100	Wholly				09020302
945	150	Beltrami	Holland (Little Rice Pond)		04-0023-00		04002300	Lake	22		MDNR 2008	II		384663.2	5274160	-94.55467	47.61058	4002300					07010101
510	208	Beltrami	Irving Lake		04-0140-00		04014000	Lake	644	97	MDNR 2008, 2010	PWRW		357940.4	5257989	-94.88484	47.45984	04014000					07010101

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OBJECTID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	ESRI	DOWLKNUM	MWB_Typ	ACRES	MR2008	REFERENCE	SOURTATUS	LISJTM_X	WJUTM_Y	WHON_DD	WLAT_DD	WLAT_DD	XIDNUM	OBAL	INT	AL	W	HUC8
946	151	Beltrami	Island		04-0265-00			04026500	Lake	368		MPCA 2013	II	347357.2	5293591	-95.03757	47.77759	4026500						09020302
947	152	Beltrami	Jessie		04-0052-00		04005200	Lake	50			MPCA 2013	II	375622.9	5263205	-94.65181	47.51037	4005200	Wholly e	Lee	ch	Lak	Y	07010101
948	153	Beltrami	Julia		04-0166-00		04016600	Lake	492			MPCA 2013	II	357762.2	5281523	-94.89482	47.67145	4016600						09020302
511	209	Beltrami	Kitchi Lake		04-0007-00		04000700	Lake	1850		185 2008	MDNR APM, 2010, MDNR 2008	PWRW	385966.4	5262109	-94.51421	47.50242	04000700	Wholly e	Lee	ch	Lak	Y	07010101
949	154	Beltrami	Lindgren		04-0153-00		04015300	Lake	84			MPCA 2013	II	363881.1	5280849	-94.81314	47.66667	4015300						07010101
950	155	Beltrami	Little Glistad		04-0016-00		04001600	Lake	40			MPCA 2013	II	386070.6	5280633	-94.51763	47.66905	4001600						07010101
512	210	Beltrami	Little Mississippi River		07010101-517	13JUM122		Stream				MPCA_BioMon	II	339511.1	5258108	-95.12924	47.45664	13JUM122						07010101
513	211	Beltrami	Little Puposky Lake		04-0197-00		04019700	Lake	158		95 2010	MDNR 2008,	PWRW	354403.4	528571.4	-94.94094	47.70839	04019700						09020302
951	156	Beltrami	Little Rabideau		04-0359-00		04035900	Lake	25			MPCA 2013	II	383565.8	5276849	-94.54998	47.63457	4035900						07010101
952	157	Beltrami	Little Rice		04-0170-00		04017000	Lake	72			MDNR 2008	II	357939.1	5290969	-94.89554	47.75643	4017000						09020302
514	212	Beltrami	Little Rice Lake		04-0015-00		04001500	Lake	123		60 2010	MDNR 2008,	PWRW	384213.4	5262663	-94.53762	47.50708	04001500	Wholly e	Lee	ch	Lak	Y	07010101
515	213	Beltrami	Little Turtle Lake		04-0155-00		04015500	Lake	464		23 2008	MDNR 2008	PWRW	357983.4	5277543	-94.89058	47.63571	04015500						07010101
516	214	Beltrami	Long Lake		04-0227-00		04022700	Lake	706			MDNR APM, MPCA 2013	PWRW	350757.4	5280136	-94.9876	47.6574	04022700						07010101
953	158	Beltrami	Lower Red		04-0035-02		04003502	Lake	154519			MDNR 2008	II	347377.2	5314369	-95.04464	47.96442	4003502	Wholly e	Red	Lak	Y	09020302	
954	159	Beltrami	Manomin Creek		09020302-558	04r1		Stream				MDNR 2008	II	347978.9	5331811	-95.04278	48.12139	04r1						09020302
517	215	Beltrami	Manomin Lake		04-0286-00		04028600	Lake	288		144 2008, 2010	MDNR 2007, MDNR 2008, 2010	PWRW	343682.4	5256968	-95.07353	47.4474	04028600						07010101
518	216	Beltrami	Marquette Lake		04-0142-00		04014200	Lake	578			MDNR 2008, MDNR APM	PWRW	356239.4	5254688	-94.90632	47.42978	04014200						07010101
955	160	Beltrami	Meadow		04-0050-00		04005000	Lake	118			MPCA 2013	II	375307.7	5270458	-94.65805	47.57555	4005000						07010101
519	217	Beltrami	Medicine Lake		04-0122-00		04012200	Lake	458		69 2010	MDNR 2008,	PWRW	369744.3	5287685	-94.73712	47.72939	04012200						09020302
520	218	Beltrami	Mississippi River		07010101-755	04r2		Stream				MDNR 2007, MDNR 2008, MPCA_BioMon	PWRW	393208.1	5255520	-94.41648	47.44437	04r2	Wholly e	Lee	ch	Lak	Y	07010101
522	220	Beltrami	Moose Lake		04-0342-00		04034200	Lake	133			MDNR 2007, MDNR 2008, MCBS 2011	PWRW	335720.4	5259747	-95.1801	47.47043	04034200						07010101

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PBECTID	File Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	Eng	DOWLKUMMB_Type	ACRES	NR2008EST	REFERENCE	SOURCE	TATUS	LUSITM_X	WIDTUM_Y	WEON_DD	W_LAT_DD_W	XIDNUM	IBAL	INTIAL_W	HUC3	
521	219	Beltrami	Moose Lake		04-0011-00			Lake	617		MDNR 2008, 96 2010		PWRW	389819.4	5266686	-94.46421	47.54425	04001100	Partial Lake	Y	07010101	
523	221	Beltrami	Movil Lake		04-0152-00			Lake			MDNR APM, MPCA 2013		PWRW	359278.4	5272086	-94.8716	47.58691	04015200				07010101
527	162	Beltrami	Muskat		04-0240-00			Lake	106		MPCA 2013		II	349266.3	5282083	-95.00812	47.67456	4024000				07010101
528	161	Beltrami	Muskat		04-0054-00			Lake	37		MPCA 2013		II	381929.3	5280173	-94.57265	47.66417	4005400				07010101
529	163	Beltrami	Nelson		04-0057-00			Lake	29		MPCA 2013		II	378355	5278494	-94.61977	47.6484	4005700				07010101
530	222	Beltrami	Norman Lake		04-0029-00			Lake	61		8 MDNR 2008		PWRW	390312.4	5333449	-94.47458	48.14483	04002900				09020302
531	223	Beltrami	North Turtle River		07010101-570	13UM131		Stream			MPCA, BioMon		PWRW	384212.6	5273055	-94.54037	47.60056	13UM131				07010101
532	164	Beltrami	Ose		04-0089-00			Lake	68		MPCA 2013		II	372402.8	5256070	-94.69249	47.44558	4008900				07010101
533	165	Beltrami	Peterson		04-0119-00			Lake	78		MPCA 2013		II	371989.1	5273299	-94.70298	47.60045	4011900				07010101
534	166	Beltrami	Peterson		04-0177-00			Lake	66		MPCA 2013		II	362837.8	5284580	-94.8282	47.70003	4017700				09020302
535	167	Beltrami	Peterson		04-0235-00			Lake	305		MPCA 2013		II	351623.2	5274696	-94.97424	47.60868	4023500				07010101
536	224	Beltrami	Pimushe Lake		04-0032-00			Lake	1350		2007, MDNR 2008, 2010, 135 MCBs 2011		PWRW	385542.4	5265749	-94.52078	47.53508	04003200	Partial Lake	Y		07010101
537	168	Beltrami	Polly Wog		04-0168-00			Lake	35		MPCA 2013		II	362839.5	5289436	-94.82971	47.7437	4016800				09020302
538	169	Beltrami	Preston		04-0009-00			Lake	10		MPCA 2013		II	384288.3	5269724	-94.53848	47.57061	4000900				07010101
539	225	Beltrami	Puposky Lake		04-0198-00			Lake	2120		MDNR 2008, 236 2010		PWRW	355114.3	5283667	-94.93078	47.69014	04019800				09020302
540	226	Beltrami	Rabideau Lake		04-0034-00			Lake	723		2007, MDNR 2008, MDNR 2008, APM, MCBs		PWRW	385446.4	5277395	-94.51179	47.63999	04003400				07010101
541	170	Beltrami	Rice		04-0250-00			Lake	124		217 2011, 2010		II	351879.1	5292099	-94.97674	47.76523	4025000				09020302
542	227	Beltrami	Rice Lake		04-0121-00			Lake	36		MDNR 2008		II	369001.4	5289571	-94.74759	47.7462	04012100				09020302
543	228	Beltrami	Rice Lake		04-0174-00			Lake	55		MDNR 2008		II	356492.4	5287506	-94.91369	47.72497	04017400				09020302
544	229	Beltrami	Rice Pond		04-0059-00			Lake	247		MDNR 2008, 123 2010		PWRW	379762.4	5275918	-94.60033	47.6255	04005900				07010101
545	171	Beltrami	Roadside		04-0075-00			Lake	46		MPCA 2013		II	374326.5	5270478	-94.67109	47.57554	4007500				07010101
546	172	Beltrami	School		04-0114-00			Lake	74		MPCA 2013		II	369066	5276267	-94.74274	47.62656	4011400				07010101
547	173	Beltrami	Stump		04-0130-01			Lake	323		MPCA 2013		II	368161.4	5261010	-94.7502	47.48916	4013001				07010101
548	174	Beltrami	Swenson		04-0085-00			Lake	394		MPCA 2013		II	375021.8	5258502	-94.68486	47.46757	4008500	Partial Lake	Y		07010101
549	230	Beltrami	Tamarac River		09020302-501	14RD139		Stream			MPCA, BioMon		II	388818.3	5334498	-94.49495	48.154	14RD139				09020302
550	175	Beltrami	Ten Mile		04-0267-00			Lake	98		MPCA 2013		II	354413.5	5292011	-94.94291	47.75501	4026700				09020302
551	231	Beltrami	Three Island Lake		04-0134-00			Lake	836		2007, MDNR 2008, 2010, 125 2008, 2010		PWRW	365609.3	5275223	-94.815	47.61605	04013400				07010101
552	232	Beltrami	Turtle Lake		04-0159-00			Lake	1584		MDNR APM, MCBs 2011, MPCA 2013		PWRW	359664.4	5275486	-94.86756	47.61767	04015900				07010101

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OBJECTID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	ENH	DOWNUM	WB_Type	ACRES	NR2008ES	REFERENCE_SOUR	STATUS	LIST	X_WJTM_X	WJTM_Y	WJTM_Z	DD_W	DD_W	XIDNUM	RIBAL	INT	INT	W	HUCS
535	233	Beltrami	Turtle River		07010101-510	13UM153			Stream				PWRW		379732.7	5266971	-94.59828	47.54502	13UM153	Partial	Leech Lake				07010101
536	234	Beltrami	Turtle River Lake		04-0111-00			1664	Lake						372587.4	5270612	-94.69425	47.57641	04011100						07010101
1046	187	Beltrami	Unnamed		04-0232-00			32	Lake						353395.8	5278645	-94.95199	47.64459	4023200						07010101
1045	186	Beltrami	Unnamed		04-0202-00			18	Lake						350178.4	5261152	-94.98883	47.48655	4020200						07010101
1044	185	Beltrami	Unnamed		04-0220-00			28	Lake						351884.6	5270693	-94.96941	47.57274	4022000						07010101
1037	178	Beltrami	Unnamed		04-0090-00			27	Lake						370095.3	5254758	-94.7227	47.43333	4009000						07010101
1038	179	Beltrami	Unnamed		04-0103-00			43	Lake						371704.2	5265960	-94.70463	47.53439	4010300						07010101
1043	184	Beltrami	Unnamed		04-0131-00			45	Lake						364316.1	5258636	-94.80049	47.46702	4013100						07010101
1041	182	Beltrami	Unnamed		04-0370-00			223	Lake						376972	5271400	-94.63619	47.58434	4037000						07010101
1040	181	Beltrami	Unnamed		04-0117-00			48	Lake						373113.8	5273510	-94.68809	47.60257	4011700						07010101
1039	180	Beltrami	Unnamed		04-0080-00			130	Lake						373224.8	5260756	-94.68294	47.48789	4008000	Partial	Leech Lake				07010101
1042	183	Beltrami	Unnamed		04-0146-00			34	Lake						354997.6	5253393	-94.92235	47.41786	4014600						07010101
1047	188	Beltrami	Unnamed (Addition)		04-0144-00			12	Lake						357337.2	5254831	-94.89182	47.43131	4014400						07010101
1048	189	Beltrami	Unnamed (Great Lake Pond)		04-0203-00			44	Lake						347820.1	5262058	-95.02043	47.49415	4020300						07010101
1049	190	Beltrami	Unnamed (Horseshoe)		04-0301-00			24	Lake						340773.9	5274689	-95.11849	47.60604	4030100						09020305
1050	191	Beltrami	Unnamed (Kinn)		04-0100-00			32	Lake						367894	5265315	-94.75503	47.52783	4010000						07010101
1051	192	Beltrami	Unnamed (Moose)		04-0112-00			58	Lake						371058.4	5271663	-94.71488	47.58556	4011200						07010101
1052	193	Beltrami	Unnamed (Parkers)		04-0106-00			48	Lake						370665.2	5263736	-94.71777	47.51418	4010600						07010101
971	176	Beltrami	Unnamed (Twin Pothole North)		04-0010-00			9	Lake						384461.5	5269176	-94.53604	47.56571	4001000						07010101
1036	177	Beltrami	Unnamed (Twin Pothole South)		04-0657-00	not assigned		7	Lake						384856.2	5268452	-94.5306	47.55927	not assigned						07010101
1053	194	Beltrami	Upper Lindgren		04-0179-00			56	Lake						363807.3	5281713	-94.81439	47.67446	4017900						07010101
1054	195	Beltrami	Upper Red		04-0035-01	400350		119217	Lake						368560.9	5832402	-94.76654	48.13129	4003500	Partial	Red Lake				09020302
1055	196	Beltrami	Whitefish		04-0300-00			122	Lake						341732.5	5274674	-95.10574	47.60614	4030000						09020305
537	235	Beltrami	Whitefish Lake		04-0309-00			126	Lake						341998.4	5283891	-95.10554	47.68908	04030900						09020302

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PROJECT_ID	FILE_NUM	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	FT_SITE	ENG	DOWNLNUM	WB_Type	ACRES	NR2008	REFERENCE	SOURCE	STATUS	LISTUM_X	VALUTM_Y	WON_DD	W_LAT	DD_WI	XIDNUM	HBAI	II	INITIAL_W	HUC8
1056	197	Beltrami	Wolf		04-0079-00			04007900	Lake	1206						372516	5252353	-94.68992	47.41217	4007900				07010101
1057	198	Benton	Pularskis		05-0009-00			05000900	Lake	138						413683.7	5067292	-94.10982	45.7538	5000900		Partially		07010201
1058	199	Big Stone	Big Stone		06-0152-00			06015200	Lake	6028						216435.8	5035057	-96.6239	45.41152	6015200				07020001
1059	200	Big Stone	Long Tom		06-0029-00			06002900	Lake	110						237185.7	5023705	-96.35316	45.31761	6002900				07020001
1060	201	Big Stone	Marsh		06-0001-00			06000100	Lake	6100						252368.7	5009220	-96.15253	45.19294	6000100				07020001
1061	202	Big Stone	North Rothwell		06-0147-00			06014700	Lake	228						230938.2	5045099	-96.44444	45.50747	6014700				09020102
1062	203	Blue Earth	Rice		07-0059-00			07005900	Lake	255						429863.3	4877601	-93.87551	44.04822	7005900				07020011
1063	204	Blue Earth	Rice Creek		07020011-531				Stream							414983	4861996	-94.05873	43.90617	07020011				07020011
2500		Brown	Altermatt	Altermatt	08-0054-00			08005400	Lake	122						352438.1	4895626	-94.84669	44.19893					07020008
1064	205	Brown	Gilman (Rice)		08-0035-00			08003500	Lake	164						363018.6	4897182	-94.71475	44.21499	8003500				07020007
540	238	Carlton	Bang Lake		09-0046-00			09004600	Lake	58						522586.4	5168264	-92.70474	46.65756	09004600		Wholly	Lac Y	04010201
541	239	Carlton	Bob Lake		09-0026-00			09002600	Lake	78						529520.4	5164473	-92.61434	46.63317	09002600				07030003
542	240	Carlton	Cedar Lake		09-0031-00			09003100	Lake	62						529879.4	5175923	-92.6089	46.73619	09003100		Wholly	Lac Y	04010201
543	241	Carlton	Cross Lake		09-0062-00			09006200	Lake	110						507923.4	5174575	-92.89651	46.72469	09006200				07010103
544	242	Carlton	Dead Fish Lake		09-0051-00			09005100	Lake	153						523630.4	5177169	-92.69063	46.74765	09005100		Wholly	Lac Y	04010201
1065	205	Carlton	Eagle		09-0057-00			09005700	Lake	410						506282.1	5165505	-92.91791	46.64308	9005700				07010103
545	243	Carlton	Flower Lake		09-0064-00			09006400	Lake	14						507605.4	5169893	-92.90055	46.68255	09006400				07010103
546	244	Carlton	Hardwood Lake		09-0030-00			09003000	Lake	100						526164.4	5178806	-92.65736	46.76229	09003000		Wholly	Lac Y	04010201
547	245	Carlton	Hay Lake		09-0010-00			09001000	Lake	103						541084.4	5160925	-92.46358	46.60063	09001000				04010301
548	246	Carlton	Island Lower Lake		09-0060-02			09006002	Lake							509406.4	5168149	-92.87704	46.56583	09006002				07010103
549	247	Carlton	Island Upper Lake		09-0060-01			09006001	Lake							509567.4	5169938	-92.87489	46.56293	09006001				07010103

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Alphabetical by County Name

PROJECT_ID	FILE_NUM	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	ETP	DOWNLUM	WBS_Typ	AGRES	NR2008ES	REFERENCE	SOURSTATUS	LISJTM_X	WBJTM_Y	WBDN_DD	WAT_DD	XIDNUM	RIBAL	INT	BLW	HUCS		
550	248	Carlton	Jaskari Lake		09-0050-00			09005000	Lake	74		MDNR 2008, 2007, MDNR 2008, 1854 List, 2010	PWRW	522800.4	5169409	-92.70057	46.67785	09005000	Wholly	Fon d du Lac Y		04010201		
551	249	Carlton	Kettle Lake		09-0049-00			09004900	Lake	611		1854 List, MPACA 2013	PWRW	517109.4	5164266	-92.77548	46.63174	09004900					07030003	
552	250	Carlton	Kettle Lake		09-0074-00			09007400	Lake	22		1854 List, MPACA 2013	PWRW	495343.4	5164009	-93.06083	46.62963	09007400					07030003	
553	1	Carlton	Kettle River		07030003-511	KR			Stream			1854 List	PWRW	514628.3	5164249	-92.8089	46.63165	KR					07030003	
554	252	Carlton	Little Kettle Lake		09-0077-00			09007700	Lake	18		1854 List, MPACA 2013, 2010	PWRW	515755.4	5166857	-92.79408	46.55509	09007700					07030003	
555	253	Carlton	Long Lake		09-0066-00			09006600	Lake	17		MDNR 2008, 2010	PWRW	504102.4	5169104	-92.94636	46.67548	09006600						07010103
1066	207	Carlton	Merwin		09-0058-00			09005800	Lake	51		MPACA 2013	II	511482.1	5165078	-92.84998	46.65916	9005800					07030003	
556	254	Carlton	Miller Lake		09-0053-00			09005300	Lake	156		MDNR 2008, 1854 List, 2010	PWRW	522708.4	5174873	-92.70282	46.72702	09005300	Wholly	Fon d du Lac Y			04010201	
557	255	Carlton	Moose (Little) Lake		09-0043-00			09004300	Lake	133		MDNR 2008, 1854 List, MCBS 2017	PWRW	522483.4	5142145	-92.70735	46.43251	09004300						07030003
558	1	Carlton	Moose Horn River		07030003-531	MHR			Stream			2007, 1854 List, 2010	PWRW	515179.2	5141197	-92.80245	46.42418	MHR					07030003	
559	257	Carlton	Moosehead Lake		09-0041-00			09004100	Lake	279		MDNR 2008, 1854 List	PWRW	518612.4	5143833	-92.75767	46.44781	09004100					07030003	
560	258	Carlton	Perch Lake		09-0036-00			09003600	Lake	796		MDNR 2008, 1854 List, 2010	PWRW	525072.4	5170616	-92.67211	46.68863	09003600	Wholly	Fon d du Lac Y			04010201	
1067	208	Carlton	Railroad		09-0174-00			09017400	Lake	7		MPACA 2013	II	503880.2	5169439	-92.94927	46.6785	9017400					07010103	
561	259	Carlton	Rice Portage Lake		09-0037-00			09003700	Lake	832		2007, MDNR 2008, 1854 List, 2010	PWRW	523384.4	5171871	-92.69412	46.69999	09003700	Wholly	Fon d du Lac Y			04010201	
562	260	Carlton	Sawyer WMA (Sawyer P)		09-0145-00			09014500	Lake	21		1854 List, MPACA 2013	PWRW	528112.4	5165976	-92.63264	46.64676	09014500						07030003
563	261	Carlton	Sawyer WMA, Sterly Pool		09-0187-00	W0854	002	09018700	Lake	29		MDNR 2008, 1854 List	PWRW	528488.6	5165462	-92.62775	46.64211	W085400						07030003
564	262	Carlton	Tamarack Lake		09-0067-00			09006700	Lake	228		MDNR 2008, 1854 List, 2010, MDNR APM	PWRW	500619.4	5167528	-92.9919	46.66131	09006700						07010103

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OBJECTID	FILE_NUM	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	ETG	DOWNUM	WE_TYPI	ACRES	NR2008ES	REFERENCE	SOURSTATUS	LISITM_X	WBUTM_Y	WFOUN_DD	WLAT_DD	WLON_DD	XIDNUM	RIBAL	INT	INT	INT	HUC3
565	1	263	Carlton	Tamarack River	07010103-757	09r1	0	Stream					PWRW	500607.9	5167847	-92.99205	46.66419	09r1						07010103
566		264	Carlton	unnamed (FDL1)	09-0178-00			Lake	09017800				PWRW	524495.4	5176122	-92.67931	46.73821	09017800	Wholly	Lac	Y			04010201
567		265	Carlton	unnamed (SWTorchlight)	09-0027-00		15	Lake	09002700				PWRW	525421.4	5165166	-92.66785	46.63957	09002700						07030003
1068		209	Carlton	Venosh	09-0009-00		82	Lake	09000900				II	542862.5	5163162	-92.44016	46.62065	9000900						04010301
568		266	Carlton	Walli Lake	09-0071-00		12	Lake	09007100				PWRW	495827.4	5164763	-93.05452	46.63641	09007100						07030003
569		267	Carlton	Wild Rice Lake	09-0023-00		54	Lake	09002300				PWRW	530339.4	5169066	-92.60333	46.67448	09002300	Wholly	Lac	Y			07030003
570		268	Carlton	Woodbury Lake	09-0063-00		59	Lake	09006300				PWRW	505295.4	5169952	-92.93076	46.6822	09006300						07010103
1069		210	Carver	Rice	10-0078-00		244	Lake	10007800				II	431406.5	4961358	-93.86733	44.80233	10007800						07020012
1070		211	Carver	Rice Marsh	10-0001-00		77	Lake	10000100				II	458957.7	4966578	-93.5194	44.85143	10000100						07020012
1071		212	Cass	Ada	11-0250-00		1092	Lake	11025000				II	397137.2	5187143	-94.34874	46.82988	11025000						07010105
571		269	Cass	Baby Lake	11-0283-00		736	Lake	11028300				PWRW	396663.4	5202810	-94.3585	46.97075	11028300						07010102
1072		213	Cass	Barnum	11-0281-00		139	Lake	11028100				II	399107.4	5203803	-94.3266	46.98007	11028100						07010102
1073		214	Cass	Bass	11-0474-00		264	Lake	11047400				II	377301.8	5205952	-94.61379	46.99572	11047400						07010102
572		270	Cass	Bergkeller Lake	11-0447-00		120	Lake	11044700				PWRW	373017.4	5175944	-94.66177	46.72499	11044700						07010106
573		271	Cass	Beuber Lake	11-0353-00		135	Lake	11035300				PWRW	384457.4	5191944	-94.51615	46.87099	11035300						07010105
574		272	Cass	Big Birch Lake	11-0017-00		255	Lake	11001700				PWRW	433732.4	5211094	-93.8722	47.05004	11001700						07010103
575		273	Cass	Big Boy Lake	11-0144-00		532	Lake	11014400				PWRW	412535.4	5237785	-94.15669	47.2877	11014400	Wholly	Lac	Y			07010102
1074		215	Cass	Big Deep	11-0277-00		956	Lake	11027700				II	394672.3	5196117	-94.38312	46.91023	11027700						07010102
575		274	Cass	Big Portage Lake	11-0308-00		956	Lake	11030800				PWRW	391450.4	5189988	-94.42395	46.85457	11030800						07010105
577		275	Cass	Big Rice Lake	11-0073-00		2717	Lake	11007300				PWRW	428989.4	5204899	-93.93393	46.9938	11007300						07010103

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PROJECT_ID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	ENG	DOWLXNUM	WB_Type	ACRES	NR2008ES	REFERENCE_SOUR	TSTATUS	LUS	JTM_X	WUTM_Y	WIDON_DD	WAT_DD	W_XIDNUM	RIBAL	INT	AL	W	HUCB
578	276	Cass	Big Sand Lake		11-0077-00			11007700	Lake	752		MDNR 2008, 10 MCBS 2011	PWRW		426093.3	5212720	-93.97329	47.06385	11007700					07010102
579	277	Cass	Big Vermillion Lake		11-0029-00			11002900	Lake			MDNR APM	PWRW		434432.4	5224618	-93.86522	47.17179	11002900					07010101
580	278	Cass	Birch Lake		11-0412-00			11041200	Lake	1262		MDNR 2008, 1 MDNR APM	PWRW		382049.4	5199894	-94.5498	46.94209	11041200					07010102
1075	216	Cass	Blackwater		11-0274-00			11027400	Lake	761		MPCA 2013	II		400649.2	5195843	-94.30459	46.90869	11027400					07010102
1076	217	Cass	Bluebill		11-0397-00			11039700	Lake	51		1 MDNR 2008	II		388849.7	5205478	-94.46185	46.99349	11039700					07010102
2343		Cass	Bowen		11-0350-00			11035000	Lake	182		MDNR 2008, Survey	PWRW		386236.7	5185146	-94.49093	46.81047	11035000					07010105
581	279	Cass	Boy Lake		11-0143-00			11014300	Lake	5544		2007, MDNR 2008, MDNR 340 APM, 2010	PWRW		416785.4	5219558	-94.09711	47.12427	11014300	Partial	Lake			07010102
582.1	280	Cass	Boy River		07010102- 518	11r2			Stream			2007, MDNR 2008	PWRW		409568.8	5225164	-94.19337	47.17376	11r2	Partial	Lake			07010102
583.1	281	Cass	Boy River		07010102- 520	12			Stream			MDNR 2008, MPCA_BioMon	PWRW		416443.3	5214512	-94.10069	47.07883	00UJMD12	Partial	Lake			07010102
584	282	Cass	Brockway Lake		11-0366-00			11036600	Lake	182		2007, MDNR 2008, MCBS 55 2011, 2010	PWRW		390694.4	5186270	-94.43298	46.821	11036600					07010105
123	283	Cass	Bullhead Lake		11-0184-00			11018400	Lake	88		MDNR 2008, Survey	PWRW		409847.4	5205074	-94.18567	46.99305	11018400	Wholly	Lake			07010102
124	284	Cass	Cat Lake		11-0509-00			11050900	Lake	108		5 MDNR 2008	PWRW		371974.4	5140350	-94.66558	46.40459	11050900					07010106
1077	218	Cass	Cedar		11-0289-00			11028900	Lake	121		MPCA 2013	II		399689.2	5210131	-94.32036	47.03708	11028900	Wholly	Lake			07010102
126	286	Cass	Cedar Lake		11-0481-00			11048100	Lake	34		3 MDNR 2008	PWRW		374997.3	5219631	-94.64788	47.11933	11048100					07010102
125	285	Cass	Cedar Lake		11-0444-00			11044400	Lake	17		4 MDNR 2008	PWRW		376784.4	5177701	-94.61296	46.74149	11044400					07010105
127	287	Cass	Cedar Lake		11-0082-00			11008200	Lake	20		MCBS 2011, MPCA 2013	PWRW		427847.4	5221265	-93.95157	47.14094	11008200					07010102
128	288	Cass	Child Lake		11-0263-00			11026300	Lake	295		MDNR 2008, MDNR APM, MDNR 2011	PWRW		397515.4	5200075	-94.34669	46.94628	11026300					07010102
129	289	Cass	Chub Lake		11-0517-00			11051700	Lake	57		MDNR 2008, 51 2010	PWRW		421619.4	5235025	-94.0361	47.26403	11051700	Wholly	Lake			07010102
1078	219	Cass	Crow Wing River		07010106- 721	11r3			Stream			MDNR 2008	II		390172.7	5131694	-94.42688	46.32992	11r3					07010106
1079	220	Cass	Dade		11-0214-00			11021400	Lake	103		MPCA 2013	II		394775.2	5136963	-94.36831	46.37805	11021400					07010105
130	290	Cass	Ding Pot Lake		11-0565-00			11056500	Lake	29		29 MDNR 2008	PWRW		394162.3	5183064	-94.38679	46.79772	11056500					07010105

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PROJECT_ID	File Num	COUNTYNAME	NAME	AUT_NAME	MPCA_WID	T_SITE	ENG	DOWNUM	WAVE_Type	ACRES	PROBES	REFERENCE	SOURTATUS	LUSTW_X	WUTW_Y	WIDN_DD	WAT_DD	W	XIDNUM	RIBAL	INT	AL	W	HUCS	
1080	221	Cass	Donkey (Little Mule)		11-0280-00			11028000	Lake	54		MDNR 2008	II	402433.2	5194475	-94.28088	46.89664	11028000						07010102	
131	291	Cass	Drumbeater Lake		11-0145-00			11014500	Lake	376		MDNR 2008, 5 2010	PWRW	412133.4	5235171	-94.16149	47.26413	11014500	Wholly	Lee ch Lak			Y	07010102	
1081	222	Cass	Dry Sand		11-0514-00			11051400	Lake	191		MPCA 2013	II	363883.1	5155605	-94.77525	46.54023	11051400						07010106	
132	292	Cass	Esterday Lake		11-0511-00			11051100	Lake	43		MDNR 2008	PWRW	365572.4	5147991	-94.74973	46.47211	11051100						07010106	
133	293	Cass	Farnham Lake		11-0513-00			11051300	Lake	142		MDNR 2008, 71 2008, 2010	PWRW	363555.4	5151971	-94.77846	46.50748	11051300						07010106	
134	294	Cass	Five Point Lake		11-0351-00			11035100	Lake	265		MDNR 2008, 13 MDNR APM	PWRW	389636.4	5192805	-94.44842	46.87961	11035100						07010105	
135	295	Cass	Flaherty Lake		11-0492-00			11049200	Lake	24		MCBS 2011, MPCA 2013	PWRW	381990.4	5235774	-94.55998	47.26483	11049200	Wholly	Lee ch Lak			Y	07010102	
1082	223	Cass	Fucat		11-0641-00			11064100	Lake	10		MPCA 2013	II	381046.1	5142930	-94.54826	46.42946	11064100						07010106	
136	296	Cass	George Lake		11-0101-00			11010100	Lake	720		MDNR 2008, 262 2011, 2010	PWRW	421241.4	5193201	-94.03379	46.88768	11010100						07010105	
1083	224	Cass	Gijik		11-0185-00			11018500	Lake	118		MDNR 2008	II	410646.3	5205649	-94.17528	46.99833	11018500	Wholly	Lee ch Lak			Y	07010102	
137	297	Cass	Girl Lake		11-0174-00			11017400	Lake	384		MDNR APM, MPCA 2013	PWRW	407114.4	5204145	-94.22142	46.98432	11017400						07010102	
138	298	Cass	Goose Lake		11-0096-00			11009600	Lake	844		MDNR 2008, 844 2011, 2010	PWRW	426195.4	5230143	-93.97481	47.22063	11009600						07010102	
1085	226	Cass	Grass		11-0315-00			11031500	Lake	113		MDNR 2008	II	393779.8	5247815	-94.40705	47.37516	11031500	Wholly	Lee ch Lak			Y	07010102	
1084	225	Cass	Grass		11-0090-00			11009000	Lake	16		MDNR 2008	II	423357.3	5218420	-94.01029	47.11483	11009000						07010102	
139	299	Cass	Gull Lake		11-0305-00			11030500	Lake	9541		MDNR 2008, 15 MDNR APM	PWRW	396217.4	5144491	-94.35121	46.44601	11030500						07010106	
140	300	Cass	Gull River		07010106-502	11r1		Stream		219		MDNR 2008, 110 2008, 2010	PWRW	395962.9	5134287	-94.35225	46.35416	11r1						07010106	
1086	227	Cass	Hardy		11-0209-00			11020900	Lake	108		MPCA 2013	II	397482.2	5127996	-94.33178	46.29778	11020900						07010106	
141	301	Cass	Hardy Lake		11-0332-00			11033200	Lake	89		MDNR 2008	PWRW	386345.4	5146132	-94.48009	46.45918	11033200						07010106	
142	302	Cass	Hattie Lake		11-0232-00			11023200	Lake	592		MDNR 2008, MDNR APM, 40 2010	PWRW	393566.4	5185848	-94.39524	46.81767	11023200							07010105
143	303	Cass	Hay Lake		11-0199-00			11019900	Lake	364		MDNR 2008	PWRW	402334.4	5191435	-94.28152	46.86919	11019900						07010105	
1087	228	Cass	Hole-in-Bog		11-0197-00			11019700	Lake	76		MDNR 2008	II	406470.4	5239789	-94.2373	47.30489	11019700	Wholly	Lee ch Lak			Y	07010102	

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OBJECTID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	Eng	DOWNUM	WB_Typ	ACRES	MR20RBS	REFERENCE	SOURSTATUS	LISTM_X	WRTM_Y	WIDON_DD	W_AT_AD	XIDNUM	RIBAL	INT	AL	W	HUCS
1088	229	Cass	Horseshoe		11-0284-00			11028400	Lake	142		MPCA 2013	II	399034.3	5211410	-94.32926	47.04549	11028400	Wholly	Lee ch Lak			07010102
1089	230	Cass	Horseshoe		11-0358-00			11035800	Lake	245		MPCA 2013	II	387350	5189781	-94.47767	46.85203	11035800	Wholly	Lee ch Lak			07010105
1090	231	Cass	Hovde		11-0394-00			11039400	Lake	115		MPCA 2013	II	389922.1	5207558	-94.44825	47.01238	11039400	Wholly	Lee ch Lak			07010102
144	304	Cass	Hunter Lake		11-0170-00			11017000	Lake	189		2 MDNR 2008	PWRW	406487.4	5197570	-94.22831	46.92507	11017000	Wholly	Lee ch Lak			07010102
145	305	Cass	Inguadona Lake		11-0120-00			11012000	Lake	935		2007, MDNR 2008, MCBS 19 2011	PWRW	413769.4	5201327	-94.13339	46.95986	11012000	Partial	Lee ch Lak			07010102
1091	232	Cass	Island		11-0257-00			11025700	Lake	173		MPCA 2013	II	398960.9	5193992	-94.32635	46.89178	11025700	Wholly	Lee ch Lak			07010102
146	306	Cass	Island Lake		11-0102-00			11010200	Lake	390		MDNR 2008, 10 2010	PWRW	420759.4	5197735	-94.0409	46.92842	11010200	Wholly	Lee ch Lak			07010105
147	307	Cass	Island Lake		11-0360-00			11036000	Lake	117		2007, MDNR 2008, MCBS 30 2011	PWRW	383951.4	5190204	-94.52235	46.85525	11036000	Wholly	Lee ch Lak			07010105
1092	233	Cass	Iverson		11-0194-00			11019400	Lake	80		MPCA 2013	II	407575.2	5216015	-94.21779	47.09117	11019400	Wholly	Lee ch Lak			07010102
148	308	Cass	Jack Lake		11-0400-00			11040000	Lake	145		MCBS 2011, MPCA 2013	PWRW	390112.4	5213039	-94.44708	47.06172	11040000	Wholly	Lee ch Lak			07010102
1093	234	Cass	Johnson		11-0363-00			11036300	Lake	92		MPCA 2013	II	390371	5187528	-94.43752	46.83227	11036300	Wholly	Lee ch Lak			07010105
149	309	Cass	Kelly Lake		11-0428-00			11042800	Lake	50		10 MDNR 2008, MDNR 2008,	PWRW	380681.4	5157301	-94.55669	46.55869	11042800	Wholly	Lee ch Lak			07010105
1094	235	Cass	Kerr		11-0268-00			11026800	Lake	81		1 Survey	PWRW	395922.4	5199509	-94.36748	46.94094	11026800	Wholly	Lee ch Lak			07010102
150	310	Cass	Kid Lake		11-0262-00			11026200	Lake	167		3 MDNR 2008	PWRW	394746.4	5200994	-94.38328	46.95412	11026200	Wholly	Lee ch Lak			07010102
151	311	Cass	Laura Lake		11-0104-00			11010400	Lake	1424		2007, MDNR 2008, MCBS 854 2011, 2010	PWRW	422941.4	5203804	-94.01328	46.98328	11010400	Partial	Min nes ota Chip pew			07010102
152	312	Cass	Leech Lake		11-0203-00			11020300	Lake	109415		2007, MDNR 2008, 2010	PWRW	393359.4	5224311	-94.40701	47.16366	11020300	Partial	Lee ch Lak			07010102
1095	236	Cass	Life Raft		11-0406-00			11040600	Lake	45		MPCA 2013	II	390888.9	5236125	-94.44247	47.25952	11040600	Wholly	Lee ch Lak			07010102
153	313	Cass	Lind (Lindsey) Lake		11-0367-00			11036700	Lake	462		2007, MDNR 2008, 2010	PWRW	387005.4	5186596	-94.48141	46.82332	11036700	Wholly	Lee ch Lak			07010105
154	314	Cass	Little Birch Lake		11-0018-00			11001800	Lake	25		MDNR 2008, MCBS 2011	PWRW	434095.4	5209638	-93.86748	47.03697	11001800	Wholly	Lee ch Lak			07010103
1096	237	Cass	Little Boy		11-0369-00			11036900	Lake	71		MDNR 2008	II	392409.8	5194282	-94.41239	46.89336	11036900	Wholly	Lee ch Lak			07010102

MPCA_WR_DEV Excerpt

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Attachment 5A

Alphabetical by County Name

OBJECT_ID	File Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	Edge	DOWNUM	MVBS_Type	ACRES	NR2008	REFERENCE	SOURCE	TATUS	LISUTM_X	WUTM_Y	WIDN_DG	W_LAT_DO	W_LAT_DO_WI	XIDNUM	IBAL	II	INT	al	W	HUC3
155	315	Cass	Little Boy Lake		11-0167-00			11016700	Lake	1396	10	MDNR 2008		PWRW	409426.4	5199544	-94.1901	46.94324	11016700							07010102
156	316	Cass	Little Hattie Lake (Unnamed)		11-0232-01		11023201	Lake	55	55		MCBS 2011, MPCA 2013		PWRW	394181.4	5186731	-94.38739	46.82572	11023201							07010105
1097	238	Cass	Little Long		11-0323-00		11032300	Lake	33	33	1	MPCA 2013		II	386918.6	5143269	-94.47194	46.43352	11032300					Lee ch Lak	07010106	
1098	239	Cass	Little Moss		11-0489-00		11048900	Lake	93	93		MPCA 2013		II	381232.1	5238425	-94.5707	47.28853	11048900	Wholly	e	Y			07010102	
1099	240	Cass	Little Reservoir		11-0002-00		11000200	Lake	14	14		MPCA 2013		II	438100.6	5191802	-93.81233	46.87687	11000200						07010103	
157	317	Cass	Little Swift Lake		11-0131-00		11013100	Lake	62	62	16	MDNR 2008		PWRW	420675.4	5213323	-94.04474	47.06865	11013100						07010102	
1100	241	Cass	Little Thunder		11-0009-00		11000900	Lake	264	264		MPCA 2013		II	434076	5202102	-93.86663	46.96916	11000900					Lee ch Lak	07010103	
1101	242	Cass	Little Twin Lake		11-0487-00		11048700	Lake	114	114		MPCA 2013		II	382075.3	5239722	-94.5599	47.30035	11048700	Wholly	e	Y			07010102	
158	318	Cass	Little Vermillion Lake		11-0030-00		11003000	Lake	138	138	15	MDNR 2008		PWRW	436522.4	5226248	-93.83788	47.18666	11003000						07010101	
159	319	Cass	Little Woman Lake		11-0265-00		11026500	Lake	50	50	8	MCBS 2011, MDNR 2008,		PWRW	398418.4	5199762	-94.33475	46.9436	11026500						07010102	
160	320	Cass	Lizotte Lake		11-0231-00		11023100	Lake	75	75	50	2010, MDNR 2008,		PWRW	396557.4	5178997	-94.3545	46.7565	11023100						07010105	
161	321	Cass	Lomish Lake		11-0136-00		11013600	Lake	282	282		MDNR 2008, MCBS 2011, 197 2010		PWRW	414104.4	5214233	-94.13144	47.07602	11013600	Wholly	e	Y			07010102	
1104	245	Cass	Long		11-0480-00		11048000	Lake	218	218		MPCA 2013		II	378368.7	5214603	-94.60209	47.07373	11048000						07010102	
1103	244	Cass	Long		11-0023-00		11002300	Lake	112	112		MPCA 2013		II	434642.7	5218876	-93.86161	47.12015	11002300						07010101	
1102	243	Cass	Long		11-0258-00		11025800	Lake	229	229		MPCA 2013		II	398716.4	5193322	-94.35565	46.88541	11025800						07010102	
162	322	Cass	Long Lake		11-0142-00		11014200	Lake	925	925		MDNR APM, MPCA 2013		PWRW	410548.4	5208126	-94.17706	47.02061	11014200	Wholly	e	Y			07010102	
1105	246	Cass	Loon		11-0226-00		11022600	Lake	220	220		MPCA 2013		II	395220	5158870	-94.36743	46.57522	11022600						07010106	
163	323	Cass	Lower Hand Lake		11-0251-00		11025100	Lake	122	122	50	2010, MDNR 2008,		PWRW	400674.4	5188553	-94.30268	46.84311	11025100						07010105	
164	324	Cass	Lower Milton Lake		11-0080-00		11008000	Lake	80	80	5	MDNR 2008		PWRW	428851.4	5221331	-93.93834	47.14163	11008000						07010102	
1106	247	Cass	Lower Sucker		11-0313-00		11031300	Lake	598	598		MPCA 2013		II	392292	5242738	-94.42553	47.32924	11031300	Wholly	e	Y			07010102	
165	325	Cass	Lower Trelpe Lake		11-0129-00		11012900	Lake	618	618	20	APM, MDNR 2008, MDNR 2007,		PWRW	418743.4	5204595	-94.06861	46.98989	11012900						07010102	

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Alphabetical by County Name

PROJECT_ID	FILE_NUM	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	II_SITE	EDGE	DOWNUM	WB_Type	ACRES	NR2008ES	REFERENCE	SOURTSTATUS	JUSTM_X	JUSTM_Y	WCON_DD_W	AT_DD_W	XIDNUM	RBAL	INT	II_W	HUC6
1107	248	Cass	Mad Dog		11-0193-00			11019300	Lake	27		MDNR 2008, MDNR 2008, 3 MDNR APM	II	406573.4	5217773	-94.23135	47.10584	11019300	Wholly	Lee ch Lak	Y	07010102
166	326	Cass	Margaret Lake		11-0222-00			11022200	Lake	230		MDNR 2008, 3 MDNR APM	PWRW	395316.4	5149054	-94.36396	46.48692	11022200	Wholly	Lee ch Lak		07010106
167	327	Cass	McCarthy Lake		11-0168-00			11016800	Lake	194		MDNR 2008, 78 2010	PWRW	411561.4	5198770	-94.16191	46.93657	11016800	Wholly	Lee ch Lak		07010102
168	328	Cass	McKeown Lake		11-0261-00			11026100	Lake	171		3 MDNR 2008	PWRW	399156.4	5201677	-94.32549	46.96094	11026100	Wholly	Lee ch Lak		07010102
169	329	Cass	Middle Sucker Lake		11-0317-00			11031700	Lake	290		MCBS 2011, MPCA 2013	PWRW	392519.3	5244825	-94.42302	47.34805	11031700	Wholly	Lee ch Lak	Y	07010102
1108	249	Cass	Mile		11-0207-00			11020700	Lake	76		MPCA 2013	II	397749.8	5133235	-94.32288	46.34497	11020700	Wholly	Lee ch Lak		07010106
170	330	Cass	Moon Lake		11-0078-00			11007800	Lake	58		5 MDNR 2008, 2007, MDNR	PWRW	422983.4	5212717	-94.01424	47.06347	11007800	Wholly	Lee ch Lak		07010102
171	331	Cass	Moose Lake		11-0424-00			11042400	Lake	92		1 2008, 2010	PWRW	379069.4	5161856	-94.5789	46.59937	11042400	Wholly	Lee ch Lak		07010106
173	333	Cass	Mud Lake		11-0100-00			11010000	Lake	1440		2007, MDNR 2008, MCBS	PWRW	425768.4	5233569	-93.98102	47.25158	11010000	Partial	Lee ch Lak	Y	07010102
172	332	Cass	Mud Lake		11-0309-00			11030900	Lake	18		1300 2011, 2010	PWRW	392570.4	5187156	-94.40886	46.82928	11030900	Wholly	Lee ch Lak		07010105
604	335	Cass	Norway Lake		11-0307-00			11030700	Lake	498		18 MDNR 2008, 2007, MDNR	PWRW	393233.3	5177059	-94.39756	46.79855	11030700	Wholly	Lee ch Lak		07010105
605	336	Cass	Nushka Lake		11-0137-00			11013700	Lake	78		10 APM	PWRW	417414.4	5242363	-94.09303	47.32952	11013700	Wholly	Lee ch Lak	Y	07010102
606	337	Cass	Ododikossi Lake		11-0074-00			11007400	Lake	20		MDNR 2008	PWRW	423849.4	5210072	-94.00239	47.03978	11007400	Wholly	Lee ch Lak		07010102
1109	250	Cass	Ox Yoke		11-0355-00			11035500	Lake	199		MPCA 2013	II	388475.1	5191666	-94.46338	46.86918	11035500	Wholly	Lee ch Lak		07010105
1311	338	Cass	Oxbow Lake		11-0075-00			11007500	Lake	172		4 MDNR 2008	PWRW	424381.4	5209170	-93.99524	47.03173	11007500	Wholly	Lee ch Lak		07010102
1312	339	Cass	Peterson Lake		11-0154-00			11015400	Lake	139		3 MDNR 2008	PWRW	409686.4	5186416	-94.18409	46.82516	11015400	Wholly	Lee ch Lak		07010105
1313	340	Cass	Pick Lake		11-0267-00			11026700	Lake	36		MCBS 2011, 1 MDNR 2008	PWRW	397208.4	5199082	-94.3505	46.9373	11026700	Wholly	Lee ch Lak		07010102
1110	251	Cass	Pickrel		11-0352-00			11035200	Lake	66		MDNR 2008	II	388557.1	5193651	-94.46279	46.88705	11035200	Wholly	Lee ch Lak		07010105
972	341	Cass	Pillager Lake		11-0320-00			11032000	Lake	213		10 MDNR 2008	PWRW	386312.4	5136027	-94.47806	46.36827	11032000	Wholly	Lee ch Lak		07010106
1111	252	Cass	Pine		11-0292-00			11029200	Lake	256		MPCA 2013	II	394910.9	5208847	-94.38294	47.02479	11029200	Wholly	Lee ch Lak	Y	07010102
973	342	Cass	Pine Mountain Lake		11-0411-00			11041100	Lake	1657		MDNR 2008, 40 2010	PWRW	383063.3	5186741	-94.53311	46.82395	11041100	Wholly	Lee ch Lak		07010105
974 1	343	Cass	Pine River	Norway Brook	07010105-672	11river_1		Stream	Stream			2007	II	397050.9	5171630	-94.34638	46.6503	11river_1	Wholly	Lee ch Lak		07010105
174	334	Cass	Pine River	Norway Brook	07010105-671	00		Stream	Stream			MDNR APM	PWRW	393084.2	5176100	-94.39929	46.7299	11000000	Wholly	Lee ch Lak		07010105

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Alphabetical by County Name

PROJECT File Num	COUNTYNAME	NAME	AUT_NAME	MPCA_WID	IT_SITE	Eng	DOWLNUM	WBD_Type	ACRES	REFERENCE	STATUS	USUTM_X	USUTM_Y	WIDNUM	DD_W	DD_W	DD_W	INT	W	HUCB
975	344 Cass	Pleasant Lake		11-0383-00			11038300	Lake	997	UofM/MPCA 2013	PWRW	387687.3	5195981	-94.47478	46.90787	11038300				07010102
1112	253 Cass	Portage		11-0490-00			11049000	Lake	352	MPCA 2013	II	378867.9	5237392	-94.60167	47.27881	11049000	Wholly e	Y		07010102
976	345 Cass	Portage Creek		07010102-545	12UM100			Stream		MPCA_BioMon 2007, MDNR 2008, 2010	PWRW	401800.8	5241056	-94.29934	47.31561	12UM100	Wholly e	Y		07010102
977	346 Cass	Portage Lake		11-0476-00			11047600	Lake	277		PWRW	381960.3	5207410	-94.55292	47.00968	11047600				07010102
978	347 Cass	Portage Lake		11-0134-00			11013400	Lake	154	10 MPCA 2013	PWRW	415459.4	5214687	-94.11368	47.08028	11013400	Wholly e	Y		07010102
979	348 Cass	Portage Lake		11-0204-00			11020400	Lake	1381	MDNR APM, MPCA 2013	PWRW	401989.4	5243840	-94.29746	47.34068	11020400	Wholly e	Y		07010102
980	349 Cass	Potshot Lake		11-0149-00			11014900	Lake	28	14 MDNR 2008	PWRW	404056.4	5191030	-94.25885	46.86589	11014900				07010105
981	350 Cass	Rabbit Lake		11-0135-00			11013500	Lake	32	10 MPCA 2013	PWRW	413029.4	5214728	-94.14569	47.08034	11013500	Wholly e	Y		07010102
983	352 Cass	Rat Lake		11-0285-00			11028500	Lake	104	MDNR 2008, Survey	PWRW	395427.4	5211114	-94.37667	47.04527	11028500	Wholly e	Y		07010102
984	353 Cass	Ray Lake		11-0220-00			11022000	Lake	183	37 MDNR 2008	PWRW	397902.4	5152987	-94.33114	46.52271	11022000				07010106
1113	254 Cass	Reservoir		11-0003-00			11000300	Lake	60	MPCA 2013	II	437983.9	5191192	-93.81378	46.87137	11000300				07010103
1114	255 Cass	Rice		11-0138-00			11013800	Lake	55	1 MDNR 2008	II	419030.4	5243304	-94.07182	47.33819	11013800	Wholly e	Y		07010102
985	354 Cass	Rice (Carroll's) Lake		11-0227-00			11022700	Lake	46	MDNR 2008, 46 2010	PWRW	396901.3	5174205	-94.34892	46.71345	11022700				07010105
986	355 Cass	Rice (Pillager) Lake		11-0321-00			11032100	Lake	232	2007, MDNR 2008, 2010	PWRW	385159.4	5136778	-94.49323	46.37483	11032100				07010106
987	356 Cass	Rice Lake		11-0162-00			11016200	Lake	342	MDNR 2008, MDNR APM, 137 2010	PWRW	411665.3	5201882	-94.16115	46.96458	11016200				07010102
988	357 Cass	Rice Lake		11-0402-00			11040200	Lake	188	5 MDNR 2008	PWRW	386458.4	5218132	-94.49647	47.10692	11040200	Wholly e	Y		07010102
989	358 Cass	Rice Pad		11-0720-00			11072000	Lake	14	4 MDNR 2008	PWRW	437305.4	5190698	-93.82261	46.86687	11072000				07010103
990	359 Cass	Rock Lake		11-0324-00			11032400	Lake	249	10 MDNR APM	PWRW	386341.4	5142479	-94.47925	46.42631	11032400				07010106
991	360 Cass	Sailor Lake		11-0019-00			11001900	Lake	42	10 MDNR 2008	PWRW	438602.4	5208114	-93.80795	47.02369	11001900				07010103

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OBJECTID	File_Num	CountyName	NAME	ALT_NAME	MPCA_WID	T_SITE	Eng	DOWLKNUM	MWS_Typ	ACRES	NP200885	REFERENCE_SOUR	TSTATUS	LIB	UTM_X	UTM_Y	WIDON_DD	W_AT_DD	XIDNUM	RIBAL	INT	AL	W	HUC8
1115	256	Cass	Sanborn		11-0361-00			11036100	Lake	224		MPCA 2013	II		389116	5187474	-94.45396	46.83157	11036100					07010105
1116	257	Cass	Sand		11-0275-00			11027500	Lake	36		MPCA 2013	II		397954.7	5196007	-94.34	46.90975	11027500					07010102
1117	258	Cass	Sand		11-0279-00			11027900	Lake	144		MPCA 2013	II		398004.2	5195073	-94.33914	46.90136	11027900					07010102
992	361	Cass	Schafer Lake		11-0004-00			11000400	Lake	44	2	MDNR 2008	PWRW		434037.4	5187375	-93.86501	46.83665	11000400					07010105
993	362	Cass	Scribner Lake		11-0441-00			11044100	Lake	93	5	MDNR 2008	PWRW		382120.4	5183173	-94.54454	46.79168	11044100					07010105
1118	259	Cass	Silver		11-0202-00			11020200	Lake	104		MPCA 2013	II		401971.6	5206789	-94.2896	47.00736	11020200	Wholly	e	Y		07010102
994	363	Cass	Six Mile Lake		11-0146-00			11014600	Lake	1288	70	MDNR 2008, 2010	PWRW		414439.3	5239763	-94.1319	47.30575	11014600	Wholly	Lak	e	Y	07010102
995	364	Cass	Skunk Lake		11-0027-00			11002700	Lake	145	30	MDNR 2008	PWRW		438917.4	5227043	-93.80637	47.19404	11002700					07010101
44		Cass	South Fork Pine River		07010105-534	SoFkPineR_11			Stream			2007	PWRW		393052.3	5173207	-94.39903	46.70385	11	SoFkPineR				07010105
1119	260	Cass	Spider		11-0221-00			11022100	Lake	21		MPCA 2013	II		397486.4	5152332	-94.33641	46.51675	11022100					07010106
996	365	Cass	Spring Lake		11-0022-00			11002200	Lake	86	12	MDNR 2008	PWRW		433198.4	5219180	-93.88069	47.12274	11002200					07010101
1120	261	Cass	Steamboat		11-0504-00			11050400	Lake	1761		MPCA 2013	II		374535.6	5235937	-94.65853	47.26491	11050400	Partial	Lak	e	Y	07010102
997	366	Cass	Steamboat Bay		11-0491-00			11049100	Lake	146		2007	PWRW		377371.3	5235936	-94.62105	47.26543	11049100	Wholly	Lak	e	Y	07010102
998	367	Cass	Steamboat River		07010102-507	11river_2			Stream			2007	PWRW		377663.7	5235244	-94.617	47.25927	11river_2	Wholly	Lak	e	Y	07010102
1121	262	Cass	Stephens		11-0213-00			11021300	Lake	104	1	MDNR 2008	II		397260.2	5137713	-94.33614	46.38518	11021300					07010106
1122	263	Cass	Stony		11-0371-00			11037100	Lake	523		MPCA 2013	II		386705.7	5202231	-94.48922	46.96392	11037100					07010102
1123	264	Cass	Swamp		11-0483-00			11048300	Lake	592		MPCA 2013	II		375512.1	5230278	-94.64405	47.21419	11048300	Wholly	Lak	e	Y	07010102
999	368	Cass	Swift Lake		11-0133-00			11013300	Lake	359	51	MDNR 2008, MPCA 2013, MDNR APM, MCBS 2011, 2010	PWRW		417190.4	5217613	-94.09142	47.10682	11013300					07010102
1000	369	Cass	Sylvan Lake		11-0304-00			11030400	Lake	882		MPCA 2013	PWRW		393372.4	5136405	-94.38639	46.37281	11030400					07010106
1002	371	Cass	Tamarack Lake		11-0347-00			11034700	Lake	46	4	MDNR 2008	PWRW		387969.4	5176573	-94.46632	46.73331	11034700					07010105
1001	370	Cass	Tamarack Lake		11-0189-00			11018900	Lake	63	6	MDNR 2008	PWRW		410544.4	5203878	-94.17627	46.98239	11018900					07010102
1124	365	Cass	Ten		11-0467-00			11046700	Lake	28		MPCA 2013	II		375432.4	5211842	-94.63999	47.04835	11046700					07010102
1125	265	Cass	Ten Mile		11-0413-00			11041300	Lake	4640		MPCA 2013	II		379995.1	5203133	-94.57764	46.97085	11041300					07010102
1003	372	Cass	Thiebault Lake		11-0020-00			11002000	Lake	37	5	MDNR 2008	PWRW		437169.4	5207905	-93.82678	47.02168	11002000					07010103
1004	373	Cass	Third Guide Lake		11-0001-00			11000100	Lake	44	14	MDNR 2008	PWRW		440861.4	5192249	-93.77615	46.88115	11000100					07010103

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Alphabetical by County Name

OBJECT_ID	File Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	DOWNLNUM	WB_Type	ACRES	PER2008	REFERENCE	STATUS	LIST	X_WATM_X	WATM_Y	WATM_DD	WAT_DO_W	XIDNUM	IBAL	INT	HUC3	
1126	267	Cass	Third River Flowage		11-0147-00	01	110147	Lake	2260		MPCA 2013	II		403031.8	5265020	-94.28831	47.53137	11014701	Partial	Lee ch Lak e	07010101	
1127	268	Cass	Thirty-Six		11-0173-00			Lake	49	1	MDNR 2008	II		411635.4	5194384	-94.16008	46.89711	11017300		Lee ch Lak e	07010102	
1128	269	Cass	Three Island		11-0177-00			Lake	168		MPCA 2013	II		40584.8	5210440	-94.26916	47.04044	11017700	Wholly	Lee ch Lak e	07010102	
1005	374	Cass	Thunder Lake		11-0062-00			Lake	1316	2	MDNR 2008	PWRW		425796.4	5200980	-93.97528	46.95819	11006200				07010103
1129	270	Cass	Tobique		11-0132-00			Lake	24		MPCA 2013	II		421447	5219023	-94.03557	47.12003	11013200				07010102
1130	271	Cass	Trillium		11-0270-00			Lake	149		MPCA 2013	II		394336.7	5198746	-94.38813	46.93383	11027000		Lee ch Lak e	07010102	
1131	272	Cass	Twin		11-0484-00			Lake	168		MDNR 2008	II		382171.7	5240959	-94.55895	47.3115	11048400	Wholly	Lee ch Lak e	07010102	
1006	375	Cass	Twin (East Twin) Lake		11-0123-00			Lake	297	50	MDNR 2008, MCBS 2011, MPCA 2010	PWRW		419719.4	5208729	-94.05651	47.0272	11012300				07010102
1135	276	Cass	Unnamed		11-0862-00			Lake	10		MPCA 2013	II		399479.3	5188312	-94.31829	46.84076	11086200				07010105
1133	274	Cass	Unnamed		11-0714-00			Lake	19		MPCA 2013	II		395583.2	5182966	-94.36815	46.79206	11071400				07010105
1134	275	Cass	Unnamed		11-0776-00			Lake	18		MPCA 2013	II		394149.3	5129449	-94.37472	46.31035	11077600				07010106
1137	278	Cass	Unnamed (Egg)		11-0975-00			Lake	15		MPCA 2013	II		439414.1	5187534	-93.79453	46.83859	11097500				07010105
1136	277	Cass	Unnamed (Greenhill)		11-0786-00			Lake	12		MPCA 2013	II		393715	5138777	-94.38248	46.39421	11078600				07010106
1007	376	Cass	Unnamed (Pistol Lake Rice Bed)		11-0738-00			Lake	22	20	MDNR 2008	PWRW		417198.4	5186612	-94.08565	46.8279	11073800				07010105
1132	273	Cass	Unnamed (Rice Swamp)		11-0698-00			Lake	11		MDNR 2008	II		379662.2	5176263	-94.57499	46.72908	11069800				07010105
1139	280	Cass	Unnamed (Rice)		11-0615-00			Lake	11		MDNR 2008	II		366652.7	5142571	-94.73542	46.43354	11061500				07010106
1008	377	Cass	Unnamed Lake		11-0780-00			Lake	10	4	MDNR 2008	PWRW		395477.4	5131470	-94.35793	46.32874	11078000				07010106
1009	378	Cass	Upper Gull Lake		11-0218-00			Lake	345	2	MDNR 2008, MDNR APM	PWRW		396848.4	5153422	-94.34497	46.52646	11021800				07010106
1010	379	Cass	Upper Hand Lake		11-0242-00			Lake	316	20	MDNR 2008	PWRW		399814.4	5189717	-94.31421	46.85345	11024200				07010105
1140	281	Cass	Upper Loon		11-0225-00			Lake	114		MDNR 2008	II		394016.1	5160239	-94.38345	46.56735	11022500				07010106
1141	282	Cass	Upper Milton		11-0081-00			Lake	27		MPCA 2013	II		429180.7	5220827	-93.93392	47.13714	11008100				07010102
1011	380	Cass	Upper Trelipe Lake		11-0105-00			Lake	422		MDNR APM, MPCA 2013	PWRW		421210.4	5202928	-94.03586	46.97519	11010500				07010102
1143	284	Cass	Vermillion River		07010101-521	11r1		Stream			MPCA 2013	II		435254	5235569	-93.85452	47.18043	11r1				07010101
1012	381	Cass	Wabedo Lake		11-0171-00			Lake	1272	5	MDNR 2008, MCBS 2011	PWRW		408368.4	5196482	-94.20338	46.91555	11017100				07010102

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Alphabetical by County Name

OBJECTID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	Eng	Down	KNUM	MWB_Type	ACRES	MR2008ES	REFERENCE	SOURCE	STATUS	LIST	JTM_X	WJTM_Y	WIDN_DD	W_LAT_DD	W_LONG_DD	XIDNUM	RIBAL	INT	at_W	HUC8
1013	382	Cass	Wabegon Lake		11-0403-00			11040300	Lake		42	4	MDNR 2008	PWRW	II	387139.4	521685.1	-94.48717	47.09551	11040300	Wholly		Lee ch Lak e	Y	07010102	
1014	383	Cass	Washburn Lake		11-0059-00			11005900	Lake		1768	60	MDNR 2008, MDNR APM,	PWRW	II	424740.3	5190279	-93.98739	46.86179	11005900					07010105	
1015	384	Cass	Wax Lake		11-0124-00			11012400	Lake		95	10	MDNR 2008	PWRW	II	420609.4	5207855	-94.04201	47.01947	11012400					07010102	
1144	285	Cass	Webb		11-0311-00			11031100	Lake		619		MPCA 2013	II	II	392417.1	5200552	-94.41377	46.94977	11031100					07010102	
1145	286	Cass	Welch		11-0493-00			11049300	Lake		191		MPCA 2013	II	II	381994.1	5234752	-94.55966	47.25563	11049300	Wholly		Lee ch Lak e	Y	07010102	
1016	385	Cass	West Twin Lake		11-0125-00			11012500	Lake		200	11	MDNR 2008	PWRW	II	418470.4	5208825	-94.07296	47.02792	11012500					07010102	
1146	287	Cass	White Oak		11-0016-00			11001600	Lake		68	1	MDNR 2008	II	II	432909.7	5194352	-93.88082	46.89931	11001600					07010103	
1147	288	Cass	Widow		11-0273-00			11027300	Lake		197		MDNR 2008	II	II	398530.3	5197167	-94.33271	46.92028	11027300					07010102	
1017	386	Cass	Winnibigoshish Lake		11-0147-00			11014700	Lake		69821	1000	2007, MDNR 2008, 2010	PWRW	II	409409.4	5255218	-94.20158	47.44411	11014700	Partial		Lee ch Lak e	Y	07010101	
1018	387	Cass	Woman Lake		11-0201-00			11020100	Lake		5360	54	MDNR 2008, MDNR APM, 2010	PWRW	II	402001.4	5199534	-94.28764	46.94209	11020100					07010102	
982	351	Cass	Rainy Lake		11-0356-00			11035600	Lake		132		MDNR APM	PWRW	II	389652.4	5189069	-94.44731	46.84601	11035600					07010105	
1019	388	Cass	Unnamed Lake		11-0777-00			11077700	Lake		40		MDNR 2008, Survey	PWRW	II	394444.4	5131131	-94.37127	46.32553	11077700					07010106	
1020	389	Chicago	Carlos Avery WMA - Mud		13-0059-02			13005902	Lake		400	15	MPCA 2013	PWRW	II	502518.4	5027702	-92.96782	45.40283	13005902					07030005	
1021	390	Chicago	Carlos Avery WMA - North Sunrise Pool		13-0059-03			13005903	Lake		875	80	MPCA 2013	PWRW	II	506276.4	5030891	-92.91976	45.43151	13005903					07030005	
1022	391	Chicago	Carlos Avery WMA - Peterson Slough		13-0060-00			13006000	Lake		50	12	MPCA 2013	PWRW	II	506812.4	5032629	-92.91288	45.44715	13006000					07030005	
1023	392	Chicago	Carlos Avery WMA - South Sunrise Pool		13-0059-01			13005901	Lake		1480	80	MPCA 2013	PWRW	II	502357.4	5025202	-92.96989	45.38033	13005901					07030005	
1148	289	Chicago	Comfort		13-0053-00			13005300	Lake		220		MPCA 2013	II	II	504118.1	5018587	-92.94746	45.32078	13005300					07030005	
1149	290	Chicago	Fish		13-0068-00			13006800	Lake		323		MPCA 2013	II	II	497323.4	5047451	-93.03431	45.58059	13006800					07030005	
1150	291	Chicago	Goose		13-0083-00			13008300	Lake		710		MDNR 2008	II	II	493826.9	5052668	-93.07919	45.62753	13008300					07030005	
1151	292	Chicago	Green		13-0041-00			13004100	Lake		1830		MPCA 2013	II	II	507758.1	5020782	-92.90098	45.3405	13004100					07030005	
2214	293	Chicago	Horseshoe		13-0073-00			13007300	Lake		226		MPCA 2013	II	II	495354.8	5048362	-93.05955	45.58878	13007300					07030005	
17		Chicago	Little Horseshoe		13-0080-00			13008000	Lake		49		MCBS 2017	II	II	494780.3	5048611	-93.06692	45.59102	13008000					07030005	
2215	294	Chicago	North Center		13-0032-01			13003201	Lake		760		MPCA 2013	II	II	513320.7	5028209	-92.82978	45.40727	13003200					07030005	

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PROJECT_ID	FILE_NUM	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	FRG	DOWN	NUM	WB_Type	ACRES	NR2008	REFERENCE	SOURCE	STATUS	USUTM_X	USUTM_Y	WIDN_DD	W_LAT_DD	W_LONG_DD	XIDNUM	YIDNUM	INTAL_W	HUC8
2216	295	Chisago	Rush		13-0069-01	00			3170	Lake	3170	MDNR 2008	II	MDNR 2008	II	495160.8	5059867	-93.06215	45.69234	13006900				07030005
2217	296	Chisago	South Center		13-0027-00				913	Lake	913	MPCA 2013	II	MPCA 2013	II	5139930.7	5025008	-92.82207	45.37845	13002700				07030005
2218	297	Chisago	South Lindstrom		13-0028-00				664	Lake	664	MPCA 2013	II	MPCA 2013	II	511251.8	5025542	-92.85628	45.38833	13002800				07030005
18		Chisago	South Sunrise Pool	Sunrise Pool No. 1	13-0059-01				299	Lake	299	MCBS 2017		MCBS 2017	PWRW	503123.5	5026348	-92.9601	45.39064	13005901				07030005
2219	298	Chisago	Sunrise		13-0031-00				810	Lake	810	MPCA 2013	II	MDNR 2008, UofM/MPCA 2013	II	510550.3	5030483	-92.86513	45.41779	13003100				07030005
1024	393	Clay	Cromwell Lake		14-0103-00				27	Lake	27	MPCA 2013	II	MPCA 2013	II	247757.4	5206539	-96.31578	46.96434	14010300				09020106
2220	299	Clay	Hartke		14-0336-00				18	Lake	18	MPCA 2013	II	MPCA 2013	II	247563.9	5207729	-96.31899	46.97496	14033600				09020106
2221	300	Clay	Tilde		14-0004-00				256	Lake	256	MPCA 2013	II	MPCA 2013	II	257174.9	5211349	-96.19477	47.01107	14000400				09020108
1025	394	Clearwater	Anderson Lake		15-0074-00				53	Lake	53	MDNR 2008	II	MDNR 2008	PWRW	318075.4	5240810	-95.40629	47.29549	15007400				09020108
1026	395	Clearwater	Bagley Lake		15-0040-00				106	Lake	106	MDNR 2008	II	MDNR 2008	PWRW	332495.3	5292045	-95.23521	47.76	15004000				09020305
2301		Clearwater	Berg		15-0025-00				50	Lake	50	MDNR 2008	II	MDNR 2008	II	333504.5	5260466	-95.20975	47.47633					07010101
1028	1	Clearwater	Clearwater River		09020305-647	15r1				Stream		MDNR 2007, MDNR 2008, 2010, UofM/MPCA 2013		MDNR 2007, MDNR 2008, 2010, UofM/MPCA 2013	PWRW	312362.4	5309217	-95.51106	47.90881	15r1			Red Lake	09020305
1027	1	Clearwater	Clearwater River		09020305-517	S004-204				Stream		UofM/MPCA 2013		UofM/MPCA 2013	PWRW	320050.2	5265467	-95.39021	47.51771	S004-204			Partial Lake	09020305
2222	301	Clearwater	Duncan		15-0024-00				18	Lake	18	MDNR 2008	II	MDNR 2008	II	332260.8	5260705	-95.22634	47.47816	15002400				07010101
1029	398	Clearwater	Elk Lake		15-0010-00				305	Lake	305	MDNR 2008, UofM/MPCA 2013		MDNR 2008, UofM/MPCA 2013	PWRW	331990.3	5228539	-95.21778	47.18887	15001000				07010101
1030	399	Clearwater	Falk Lake		15-0038-00				71	Lake	71	MPCA 2013	II	MPCA 2013	II	327880.4	5286318	-95.29448	47.70729	15003800				09020305
1031	400	Clearwater	First Lake		15-0139-00				60	Lake	60	MDNR 2008	II	MDNR 2008	PWRW	315068.4	5265725	-95.45643	47.51864	15013900				09020305
2223	302	Clearwater	Floating Moss		15-0483-00				3	Lake	3	MPCA 2013	II	MPCA 2013	II	330681.6	5226569	-95.2343	47.17082	15048300				07010101
1032	401	Clearwater	Gill Lake		15-0019-00				380	Lake	380	MDNR 2008	II	MDNR 2008	PWRW	329030.4	5238340	-95.26057	47.27624	15001900				07010101
2224	303	Clearwater	Haggerty		15-0002-00				149	Lake	149	MPCA 2013	II	MPCA 2013	II	335206.8	5291805	-95.19897	47.75854	15000200				09020302
1033	402	Clearwater	Itasca Lake		15-0016-00				1065	Lake	1065	MDNR 2008, UofM/MPCA 2013		MDNR 2008, UofM/MPCA 2013	PWRW	333341.4	5231533	-95.20107	47.21613	15001600				07010101
2225	304	Clearwater	Kibbee / Shuckhart		15-0114-00				61	Lake	61	MPCA 2013	II	MPCA 2013	II	311520.4	5231668	-95.48906	47.21145	15011400			Wholly	09020103
2226	305	Clearwater	Lindberg		15-0144-00				92	Lake	92	MPCA 2013	II	MPCA 2013	II	313844.9	5279789	-95.47863	47.64471	15014400				09020305
1034	403	Clearwater	Lomond Lake		15-0081-00				108	Lake	108	MDNR 2008	II	MDNR 2008	PWRW	318817.4	5266856	-95.40714	47.52986	15008100				09020305
2302		Clearwater	Lower Red		15-0202-00				164543	Lake	164543	MDNR 2008	II	MDNR 2008	II	326178.2	5313508	-95.32807	47.95128				Wholly	09020303

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OBJECTID	File Num	COUNTYNAME	NAME	ALT_NAME	MPCA_AWID	T_SITE	EPR	DOWNLNUM	WBS_Typ	ACRES	NR2008	REFERENCE	SOURSTATUS	LUSTM_X	WJTM_Y	WMON_DD	WLAT_DD	WLAT_DD_W	XIDNUM	RIBAL	Wholly	INTal_W	HUC8
1315	406	Clearwater	Lower Rice Lake		15-0130-00			15013000	Lake	2375		2007, MDNR 1568 2008, 2010	PWRW	313548.3	5247498	-95.46892	47.35434	15013000	Wholly	Y		09020108	
1316	407	Clearwater	Mallard Lake		15-0018-00			15001800	Lake	123		25 MDNR 2008	PWRW	328545.4	5241143	-95.26805	47.30131	15001800					07010101
1317	408	Clearwater	Minerva Lake		15-0079-00			15007900	Lake	239		2007, MDNR 36 2008, 2010	PWRW	325070.4	5249586	-95.3173	47.3768	15007900					09020108
1318	409	Clearwater	Minnow Lake		15-0137-00			15013700	Lake	107		MDNR APM, MPCA 2013	PWRW	313967.3	5267290	-95.4717	47.53239	15013700					09020305
1319	410	Clearwater	Mississippi River		07010101-753	15r3			Stream			2007, MDNR 2008	PWRW	335026.2	5246340	-95.18431	47.34971	15r3					07010101
1321	412	Clearwater	Mud Lake		15-0061-00			15006100	Lake	294		2007, MDNR 103 2008, 2010	PWRW	326650.4	5253391	-95.29866	47.42891	15006100					09020108
2227	306	Clearwater	Peterson		15-0083-00			15008300	Lake	114		MPCA 2013 MDNR 2008, UofM/MPCA	II	320599.2	5281630	-95.38953	47.66317	15008300					09020305
1322	413	Clearwater	Pine Lake		15-0149-00			15014900	Lake	1465		220 2013, 2010	PWRW	310447.4	5285330	-95.52622	47.69353	15014900					09020305
2228	307	Clearwater	Rockstad		15-0075-00			15007500	Lake	128		MPCA 2013	II	319213.3	5240457	-95.39111	47.29263	15007500					09020108
1324	415	Clearwater	Second Lake		15-0091-00			15009100	Lake			UofM/MPCA 2013	PWRW	322962.3	5299771	-95.36547	47.82691	15009100	Wholly	Y	Red Lak		09020305
1323	414	Clearwater	Second Lake		15-0140-00			15014000	Lake	68		MDNR 2008, 7 MCBS 2011	PWRW	313616.4	5265737	-95.4757	47.51833	15014000					09020305
2053	416	Clearwater	Spike Lake		15-0035-00			15003500	Lake	89		MCBS 2011, MPCA 2013	PWRW	329321.3	5289646	-95.27659	47.7376	15003500					09020305
2054	417	Clearwater	Sucker Lake		15-0020-00			15002000	Lake	90		2007, MDNR 2008, MCBS	PWRW	327943.3	5236576	-95.27425	47.26009	15002000					07010101
2220	309	Clearwater	Tamarack		15-0136-00			15013600	Lake	115		MDNR 2008	II	315183.3	5255087	-95.45045	47.42303	15013600	Wholly	Y	Wholly		09020108
2229	308	Clearwater	Tamarack		15-0056-00			15005600	Lake	21		MDNR 2008	II	326259	5242814	-95.29882	47.31573	15005600					07010101
2055	418	Clearwater	Third Lake		15-0141-00			15014100	Lake	38		2 MDNR 2008	PWRW	310468.4	5266497	-95.5178	47.52425	15014100					09020305
2231	310	Clearwater	Unnamed		15-0049-00			15004900	Lake	26		MPCA 2013	II	331955.3	5295351	-95.24369	47.78958	15004900					09020305
2232	311	Clearwater	Unnamed (Little Pine)		15-0293-00			15029300	Lake	32		MPCA 2013	II	312573	5282649	-95.48677	47.67005	15029300					09020305
2056	419	Clearwater	Unnamed (Rice Bed)		15-0021-00			15002100	Lake	150		MDNR 2008, 45 2010	PWRW	328207.4	5249644	-95.2758	47.37765	15002100					09020108
607	420	Clearwater	Upper Rice Lake		15-0059-00			15005900	Lake	1860		2007, MDNR 2008, MCBS 1116 2011, 2010	PWRW	326783.3	5251502	-95.29538	47.39399	15005900					09020108
608	421	Clearwater	Walker Brook Lake		15-0060-00			15006000	Lake	94		MCBS 2011, MPCA 2013	PWRW	326822.3	5262286	-95.29908	47.49095	15006000					09020305
2233	312	Clearwater	West Four-Legged		15-0028-01			15002801	Lake	129		MPCA 2013	II	330491.9	5279564	-95.25707	47.64726	15002801					09020305
2234	313	Clearwater	Whipple		15-0014-00			15001400	Lake	30		MPCA 2013	II	330854.5	5226141	-95.23186	47.16702	15001400					07010101

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PROJECT#	File_Num	COUNTYNAME	ALT_NAME	MPCA_WID	HT_SITE	Eng	DOWNLNUM	WB_Type	AGRES	NR2008ES	REFERENCE	SOURCE	STATUS	LISDTM_X	WHDTM_Y	WIDN_DD	W_LAT_DD	W_W	XIDNUM	RIBAL	INTJal_W	HUC3
1314	405	Clearwater	Wild Rice River	09020108-512	5007-164			Stream			UofM/MPCA 2013	PWRW	PWRW	311809.1	5250597	-95.49324	47.38171	S007-164	Wholly h	Y	09020108	
609	1	422	Clearwater	Wild Rice River	1572			Stream			MDNR 2008, Survey	PWRW	PWRW	308776	5252672	-95.53428	47.39947	1572	Wholly h	Y	09020108	
1035	1	404	Clearwater	Wild Rice River	5006-985			Stream			UofM/MPCA 2013	PWRW	PWRW	312015	5250695	-95.49055	47.38265	S006-985	Wholly h	Y	09020108	
2235	314	Cook	Alder	16-0114-00			16011400	Lake	342		MPCA 2013	II	PWRW	700424.5	5324429	-90.31091	48.04166	16011400			04010101	
610	423	Cook	Baker Lake	16-0486-00			16048600	Lake	22		1854 List, MPCA 2013	PWRW	PWRW	663217.4	5301604	-90.81836	47.84704	16048600			04010101	
2236	315	Cook	Barker	16-0358-00			16035800	Lake	166		MPCA 2013	II	PWRW	669062.4	5285257	-90.74665	47.69856	16035800			04010101	
2237	316	Cook	Bearskin	16-0228-00			16022800	Lake	522		MPCA 2013	II	PWRW	690658.7	5326845	-90.44073	48.06636	16022800			04010101	
611	424	Cook	Bigsby Lake	16-0344-00			16034400	Lake	89		MDNR 2008, 1854 List	PWRW	PWRW	677616.4	5289136	-90.63116	47.73114	16034400			04010101	
650	425	Cook	Bower Trout Lake	16-0175-00			16017500	Lake	136		1854 List	PWRW	PWRW	690283.4	5313058	-90.45187	47.94256	16017500			04010101	
631	1	426	Cook	Brule River	04010101-502	BR		Stream			1854 List	PWRW	PWRW	714757.1	5309838	-90.12615	47.90588	BR			04010101	
632	427	Cook	Caribou Lake	16-0360-00			16036000	Lake	714		MDNR 7 2008, 1854 List	7050	PWRW	675862.4	5286954	-90.65541	47.712	16036000			04010101	
2238	317	Cook	Chester	16-0033-00			16003300	Lake	50		MPCA 2013	II	PWRW	717639.9	5318664	-90.08316	47.99422	16003300			04010101	
633	428	Cook	Christine Lake	16-0373-00			16037300	Lake	192		MDNR 2008, 7050.0470, 1854 List	7050	PWRW	670294.4	5289025	-90.72877	47.73211	16037300			04010101	
634	429	Cook	Cuffs Lake	16-0006-00			16000600	Lake	16		MDNR 2008, 1854 List	PWRW	PWRW	743182.4	5315492	-89.74317	47.94653	16000600	Wholly h	Y	04010101	
2239	318	Cook	Deer Yard	16-0253-00			16025300	Lake	358		MPCA 2013	II	PWRW	679032.4	5288477	-90.61256	47.77482	16025300			04010101	
635	430	Cook	Dick Lake	16-0157-00			16015700	Lake	141		1854 List	PWRW	PWRW	687917.4	5304350	-90.48752	47.86498	16015700			04010101	
2240	319	Cook	East Bearskin	16-0146-00			16014600	Lake	643		MPCA 2013	II	PWRW	696510.5	5324395	-90.36338	48.04257	16014600			04010101	
636	431	Cook	East Pipe Lake	16-0386-00			16038600	Lake	136		1854 List, MPCA 2013	PWRW	PWRW	672420.4	5306215	-90.69361	47.88609	16038600			04010101	
637	432	Cook	Elbow Lake	16-0096-00			16009600	Lake	415		MDNR 2007, MDNR 2008, 1854 List, 124 2010	PWRW	PWRW	702581.4	5304649	-90.29132	47.86321	16009600			04010101	
638	433	Cook	Fente Lake	16-0741-00			16074100	Lake	35		MDNR 2008, 1854 List	PWRW	PWRW	654344.4	5318213	-90.93093	47.99857	16074100			09030001	
2241	320	Cook	Flour	16-0147-00			16014700	Lake	352		MPCA 2013	II	PWRW	694792.6	5325561	-90.38588	48.05357	16014700			04010101	
197	434	Cook	Fourmile Lake	16-0639-00			16063900	Lake	593		MDNR 2008, 7050.0470, 1854 List	7050	PWRW	652391.4	5283901	-90.96917	47.69051	16063900			04010101	
2242	321	Cook	Gordon	16-0569-00			16056900	Lake	167		MPCA 2013	II	PWRW	665011.6	5316590	-90.78866	47.98132	16056900			09030001	
198	435	Cook	Grassy Lake	16-0390-00			16039000	Lake	22		MDNR 2008, 1854 List	PWRW	PWRW	674708.4	5315913	-90.65954	47.96726	16039000			04010101	

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PROJECT_ID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	EDGE	DCWLNUM	MWB_Type	ACRES	MR2008ES	REFERENCE_SOURCE	STATUS	LIST	X	Y	W	W	AT	DD	W	XIDNUM	RIBAL_ID	INT	al	W	HUCS
199	436	Cook	Gust Lake		16-0380-00			16038000	Lake	159	1	1854 List	PWRW	673251.4	5303227	-90.6837	47.85901	16038000									04010101
2243	322	Cook	Holly		16-0366-00			16036600	Lake	78		MPCA 2013	II	672570.5	5294122	-90.69642	47.77733	16036600									04010101
200	437	Cook	Iron Lake		16-0328-00			16032800	Lake	125		2007, MDNR 2008, 1854 List	PWRW	678341.4	5326414	-90.60609	48.06605	16032800									09030001
201	438	Cook	Jack Lake		16-0521-00			16052100	Lake	127	12	1854 List MDNR 2008,	PWRW	664693.4	5307664	-90.79633	47.90115	16052100									04010101
202	439	Cook	John Lake		16-0035-00			16003500	Lake	101		MDNR 2008, 1854 List, MPCA	PWRW	718906.4	5328281	-90.0613	48.0702	16003500									04010101
203	440	Cook	Kelly Lake		16-0476-00			16047600	Lake	188	56	MDNR 2008, 1854 List, 2010	PWRW	669515.5	5304254	-90.81337	47.87079	16047600									04010101
204	441	Cook	Kelso Lake		16-0706-00			16070600	Lake	97	2	MPCA 2013	PWRW	656719.4	5306871	-90.90324	47.89601	16070600									04010101
2244	323	Cook	Knight		16-0807-00			16080700	Lake	99		MPCA 2013	II	648267.7	5304222	-91.01715	47.8742	16080700									09030001
2245	324	Cook	Little Iron		16-0355-00			16035500	Lake	121		MPCA 2013	II	675509	5326281	-90.64413	48.06564	16035500									09030001
264	442	Cook	Little John Lake		16-0026-00			16002600	Lake	39		1854 List, MPCA 2013	PWRW	719550.4	5326974	-90.05333	48.05824	16002600									04010101
2246	325	Cook	Loon		16-0448-00			16044800	Lake	1197		MPCA 2013	II	671891.2	5327275	-90.69225	48.07556	16044800									09030001
265	443	Cook	Mark Lake		16-0250-00			16025000	Lake	126		2007, MDNR 2008, 2010, 1854 List	PWRW	680305.5	5295322	-90.59276	47.786	16025000									04010101
267	445	Cook	Marsh Lake		16-0488-00			16048800	Lake	62	31	2007, MDNR 2008, 7050, 0470, 1854 List, 2010	7050	662873.4	5299622	-90.8237	47.82931	16048800									04010101
266	444	Cook	Marsh Lake		16-0048-00			16004800	Lake	18		1854 List, MPCA 2013	PWRW	710211.5	5305869	-90.18883	47.87172	16004800									04010101
268	446	Cook	Merganser Lake		16-0107-00			16010700	Lake			1854 List	PWRW	704790.5	5310628	-90.25898	47.91625	16010700									04010101
2247	326	Cook	Mistletoe		16-0366-00			16036600	Lake	151		MPCA 2013	II	672203.2	5293256	-90.70166	47.76965	16036600									04010101
269	447	Cook	Moore Lake		16-0489-00			16048900	Lake	64	48	MDNR 2008, 7050, 0470, 1854 List, 2010	7050	665462.4	5300271	-90.78888	47.83449	16048900									04010101
2248	327	Cook	Moose		16-0043-00			16004300	Lake	452		MPCA 2013	II	717114.4	5331519	-90.08367	48.09991	16004300									04010101
1577	595	Cook	Moose		16-0043-00			16004300	Lake	452		MPCA 2013	II	717114.4	5331518	-90.08367	48.0999	16004300									04010101
659	448	Cook	Mt. Maud Wetland		16-0914-00			16091400	Wetland			MDNR 2008, 1854 List	PWRW	743104.4	5318347	-89.7426	47.97221	16091400						Y			04010101
2249	328	Cook	North		16-0331-00			16033100	Lake	549		MPCA 2013	II	681097.3	5331541	-90.56696	48.11136	16033100									09030001
640	449	Cook	North Fowl Lake		16-0036-00			16003600	Lake	297		MDNR 2008, 1854 List, 2010	PWRW	722021.4	5329453	-90.01893	48.07965	16003600									04010101
14		Cook	North Wigwam		16-0804-00			16080400	Lake	35		MPCA 2013	PWRW	648452	5284969	-91.02128	47.70104	16080400									04010101
641	450	Cook	Northern Light Lake		16-0089-00			16008900	Lake	443	133	MDNR 2008, 7050, 0470, 1854 List, 2010	7050	706360.4	5309367	-90.2386	47.90441	16008900									04010101
642	451	Cook	Otter Lake		16-0032-00			16003200	Lake	76		1854 List, MPCA 2013	PWRW	723459.4	5319737	-90.00472	47.99166	16003200									04010101
643	452	Cook	Peterson Lake		16-0478-00			16047800	Lake	104	1	MDNR 2008, 1854 List	PWRW	662861.4	5302361	-90.82283	47.85394	16047800									04010101
644	453	Cook	Phoebe Lake		16-0808-00			16080800	Lake	758	1	MDNR 2008, 1854 List	PWRW	648909.4	5302471	-91.00918	47.85831	16080800									09030001

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OBJECTID	File_Num	COUNTYNAME	NAME	AUT_NAME	MPCA_WID	T_SITE	DEPT	ACRES	REFERENCE	SOURCE	STATUS	LIST	UTM_X	UTM_Y	WBDN_DD	W_LAT_DD	W_LAT_DD_W	XIDNUM	IBAL	INT	Lat_W	HUC3
645	1	454 Cook	Pigeon River		04010101-501	PR			1854 List	PWRW	II	735060.6	5320247	-89.84917	47.99228	PR						04010101
2250		329 Cook	Pike		16-0252-00		850	16025200	MPCA 2013	II		680454.5	5293050	-90.59172	47.78554	16025200						04010101
646		455 Cook	Prout Lake		16-0013-00		18	16001300	MDNR 2008, 1854 List	PWRW		730678.4	5318681	-89.90866	47.97981	16001300						04010101
647		456 Cook	Rib Lake		16-0544-00		94	16054400	MDNR 2008, 1854 List	PWRW		665152.4	5322987	-90.78431	48.03879	16054400						09030001
648		457 Cook	Rice Lake		16-0453-00		230	16045300	2007, MDNR 2008, 7050.0470, 1854 List, 2010	7050		666272.4	5294622	-90.78023	47.78349	16045300						04010101
649		458 Cook	Richey Lake		16-0643-00		114	16064300	MDNR 2008, 1854 List	PWRW		650914.4	5281158	-90.98979	47.6662	16064300						04010101
650		459 Cook	Royal Lake		16-0025-00		22	16002500	1854 List	PWRW		721467.4	5326290	-90.02799	48.05143	16002500						04010101
651	1	460 Cook	Royal River		04010101-D75	16r1		Stream	MDNR 2008, 1854 List	PWRW		722090.7	5327042	-90.01925	48.05797	16r1						04010101
652		461 Cook	South Fowl Lake		16-0034-00		508	16003400	MDNR 2008, 1854 List, 2010	PWRW		724192.4	5326662	-89.99128	48.05382	16003400						04010101
2251		330 Cook	Star		16-0405-00		120	16040500	MPCA 2013	II		675670.1	5308670	-90.64917	47.90728	16040500						04010101
2252		331 Cook	Strobus		16-0370-00		11	16037000	MPCA 2013	II		669349.6	5291163	-90.74053	47.75159	16037000						04010101
654		463 Cook	Swamp Lake		16-0256-00			16025600	1854 List	PWRW		680379.4	5302021	-90.58899	47.84621	16025600						04010101
653		462 Cook	Swamp Lake		16-0009-00			16000900	MDNR 2008, 1854 List	PWRW		734980.4	5316079	-89.85252	47.95487	16000900						04010101
655		464 Cook	Swamp River		04010101-543	16r2		Stream	MDNR 2008, 1854 List	II		729152.1	5321018	-89.92784	48.00135	16r2						04010101
656		465 Cook	Swamp River Reservoir		16-0901-00		165	16090100	MDNR 2008, 7050.0470, 1854 List, 2010	7050		727020.4	5313513	-89.96034	47.93468	16090100						04010101
2253		332 Cook	Tait		16-0384-00		386	16038400	MPCA 2013	II		672600.6	5299388	-90.69392	47.82467	16038400						04010101
657		466 Cook	Teal Lake		16-0003-00		73	16000300	MDNR 2008, 1854 List	PWRW		749327.4	5320739	-89.65797	47.9913	16000300						04010101
658	1	467 Cook	Temperance River		04010101-610	16r3		Stream	MDNR 2008, 1854 List	PWRW		660874.6	5297850	-90.85104	47.81388	16r3						04010101
659		468 Cook	Toohy Lake		16-0645-00		369	16064500	MDNR 2008, 1854 List	PWRW		653495.4	5287164	-90.95332	47.71959	16064500						04010101
2254		333 Cook	Tucker		16-0417-00		158	16041700	MPCA 2013	II		673501.3	5325489	-90.67138	48.05907	16041700						09030001
660		469 Cook	Turtle Lake		16-0251-00		61	16025100	2007, MDNR 2008, 1854 List	PWRW		679008.4	5294470	-90.61041	47.77871	16025100						04010101
661		470 Cook	Two Island Lake		16-0156-00		858	16015600	1854 List	PWRW		689346.4	5305461	-90.46774	47.87454	16015600						04010101

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OBJECTID	FILE_NUM	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE_Eng	DOWNUM	WMB_Type	ACRES	NR2008ES	REFERENCE_SOURSTATUS	LIST	UTM_X	UTM_Y	WHON_DD	WAT_DD	XIDNUM	IBAL	INT	W	HUC8
662	471	Cook	unnamed (Grd Portage)		04010101-757	URGP		Stream			1954 List		742535.1	5318120	-89.75034	47.97039	URGP	Wholly	age	Y	04010101
663	472	Cook	Unnamed Lake		16-0416-00		16041600	Lake	14	14	MDNR 2008, 14 1854 List		673502.5	5325058	-90.67154	48.05519	16041600				09030001
2255	334	Cook	Vern		16-0409-00		16040900	Lake	230		MPCA 2013		669828	5307794	-90.72763	47.90098	16040900				04010101
664	473	Cook	Vern River		04010101-899	VR		Stream			1854 List, MPCA 2013		666866.8	5308760	-90.76685	47.91044	VR				04010101
2256	335	Cook	Wampus		16-0196-00		16019600	Lake	33	33	MPCA 2013		693112.8	5325791	-90.40829	48.05615	16019600				04010101
665	474	Cook	White Pine Lake		16-0369-00		16036900	Lake	374		MDNR 2008, 7050.0470, 1854 List		668177.4	5290610	-90.75637	47.74691	16036900				04010101
666	475	Cook	Wonder Lake		16-0664-00		16066400	Lake	76	5	MPCA 2013, 5 1854 List		655809.4	5300814	-90.91759	47.84178	16066400				04010101
667	476	Crow Wing	Arrowhead Lake		18-0386-00		18038600	Lake	285	40	MDNR 2008, 40 2010		407124.4	5174361	-94.21523	46.71635	18038600				07010105
2257	336	Crow Wing	Bass		18-0229-00		18022900	Lake	114	1	MDNR 2008		421105.8	5165744	-94.03084	46.64061	18022900				07010105
668	477	Crow Wing	Bass Lake		18-0011-00		18001100	Lake	65	13	MDNR 2008		432246.4	5115367	-93.87799	46.1885	18001100				07010201
2258	337	Crow Wing	Bassett		18-0026-00		18002600	Lake	32		MPCA 2013		433500.5	5124934	-93.86309	46.27472	18002600				07010207
669	478	Crow Wing	Bay Lake		18-0034-00		18003400	Lake	2435	1	MDNR 2008, 1 MDNR APM		434213.4	5137763	-93.85564	46.39024	18003400				07010104
670	479	Crow Wing	Big Bird Lake		18-0285-00		18028500	Lake	205	10	MDNR 2008		418187.4	5166957	-94.06918	46.65117	18028500				07010105
2259	338	Crow Wing	Big Trout		18-0315-00		18031500	Lake	1486		MPCA 2013		411531.1	5174735	-94.15765	46.72031	18031500				07010105
671	480	Crow Wing	Birchdale Lake		18-0175-00		18017500	Lake	80	40	MDNR 2008, MDNR APM, 40 2010		435531.4	5174525	-93.84361	46.72117	18017500				07010105
2260	339	Crow Wing	Black Bear		18-0140-00		18014000	Lake	235		MPCA 2013, MCBS 2017		418609.6	5151065	-94.06088	46.50823	18014000				07010104
2261	340	Crow Wing	Bonnie		18-0259-00		18025900	Lake	83		MPCA 2013		413612.2	5156057	-94.12693	46.55253	18025900				07010104
672	481	Crow Wing	Borden Lake		18-0020-00		18002000	Lake	1038	31	MDNR 2008		434648.4	5128219	-93.84865	46.3044	18002000				07010307
673	482	Crow Wing	Buffalo Lake		18-0152-00		18015200	Lake	36	18	MDNR 2008		405023.4	5130802	-94.2338	46.32414	18015200				07010104
674	483	Crow Wing	Bulldog Lake		18-0014-00		18001400	Lake	151	5	MDNR 2008, MDNR APM, MCBS 2017		432185.4	5113351	-93.87849	46.17036	18001400				07010201
2262	341	Crow Wing	Butterfield		18-0231-00		18023100	Lake	225	1	MDNR 2008		421838.3	5178277	-94.0234	46.75847	18023100				07010105
675	484	Crow Wing	Camp Lake		18-0018-00		18001800	Lake	537	22	MDNR 2008, MDNR 2008, MDNR APM		431858.4	5121075	-93.88384	46.23983	18001800				07010207
676	485	Crow Wing	Caraway Lake		18-0179-00		18017900	Lake	40	32	MDNR 2008		435579.4	5178128	-93.84349	46.7536	18017900				07010105
2263	342	Crow Wing	Carlson		18-0395-00		18039500	Lake	45	1	MDNR 2008		400501.6	5137782	-94.29401	46.38629	18039500				07010306
677	486	Crow Wing	Clark Lake		18-0374-00		18037400	Lake	309	3	MDNR 2008, MDNR APM		403297.4	5151495	-94.2605	46.51008	18037400				07010106
2264	343	Crow Wing	Clearwater		18-0038-00		18003800	Lake	917		MPCA 2013		429742.3	5138254	-93.91386	46.39421	18003800				07010104
678	487	Crow Wing	Clough Creek Lake		18-0414-00		18041400	Lake	274		MDNR APM		399151.4	5182192	-94.32124	46.78565	18041400				07010105
2265	344	Crow Wing	Coffee		18-0039-00		18003900	Lake	24		MPCA 2013		436921.1	5138612	-93.82054	46.38814	18003900				07010104
2266	345	Crow Wing	Cole		18-0127-00		18012700	Lake	114	1	MDNR 2008		421908.2	5153631	-94.01832	46.51711	18012700				07010104

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OBJECTID	FILE_NUM	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	EDGE	DOWNLUM	MB_Type	ACRES	NR2008S	REFERENCE	SOUR	RSTATUS	LISTUM_X	WUTM_X	WUTM_Y	WIDN_DD	W_LAT_DD	W_W	XIDNUM	IBAL	INT	H_W	HUCB
1528	346	Crow Wing	Cross Lake Reservoir		18-0312-00			18031200	Lake	1884		MPCA 2013	II		414040.7	5169133	-94.12377	46.67024	18031200					07010105	
679	488	Crow Wing	Crow Wing Lake		18-0155-00			18015500	Lake	378		2007, MDNR 2008	PWRW		397241.4	5121178	-94.33277	46.23641	18015500					07010104	
681	490	Crow Wing	Dahler Lake		18-0204-00			18020400	Lake	277		2007, MDNR 2008, 2010	PWRW		428047.4	5174363	-93.96767	46.71873	18020400					07010105	
682	491	Crow Wing	Deadmans Lake		18-0188-00			18018800	Lake	28		5 MDNR 2008	PWRW		427948.4	5159427	-93.94031	46.57555	18018800					07010104	
683	492	Crow Wing	Deer Lake		18-0182-00			18018200	Lake	78		30 MDNR 2008	PWRW		431893.4	5159190	-93.88895	46.58282	18018200					07010104	
684	493	Crow Wing	Dog Lake		18-0107-00			18010700	Lake	71		MDNR 2008, 2010	PWRW		424674.4	5134349	-93.97914	46.35853	18010700					07010104	
686	485	Crow Wing	Duck Lake		18-0178-00			18017800	Lake	310		MDNR 2008, UofM/MPCA 175 2013, 2010	PWRW		432681.3	5178135	-93.88143	46.75338	18017800					07010105	
685	484	Crow Wing	Duck Lake		18-0314-00			18031400	Lake	160		3 2008	PWRW		411445.4	5166899	-94.15727	46.6498	18031400					07010105	
687	496	Crow Wing	Eagle Lake		18-0296-00			18029600	Lake	356		MDNR 2008, 1 MDNR APM	PWRW		419761.4	5178690	-94.05066	46.75694	18029600					07010105	
1529	347	Crow Wing	Eastham		18-0202-00			18020200	Lake	68		MPCA 2013	II		428002.3	5164992	-93.94063	46.63462	18020200					07010104	
688	497	Crow Wing	Edward Lake		18-0556-00			18055600	Lake			MDNR APM	PWRW		410101.4	5148611	-94.17128	46.48507	18055600					07010106	
689	498	Crow Wing	Emily Lake		18-0203-00			18020300	Lake	675		2 MDNR 2008	PWRW		42718.4	5175046	-93.94592	46.73506	18020300					07010105	
690	499	Crow Wing	Erskine Lake		18-0009-00			18000900	Lake	186		7 MDNR 2008	PWRW		431075.3	5116710	-93.89336	46.20048	18000900					07010201	
691	500	Crow Wing	Faupel Lake		18-0237-00			18023700	Lake	42		25 MDNR 2008	PWRW		415693.4	5151944	-94.09904	46.51579	18023700					07010104	
692	501	Crow Wing	Flanders Lake		18-0247-00			18024700	Lake	181		20 MDNR 2008	PWRW		415728.4	5160523	-94.08709	46.5931	18024700					07010104	
693	502	Crow Wing	Garden Lake		18-0329-00			18032900	Lake	262		2007, MDNR 100 2008, 2010	PWRW		407678.4	5152492	-94.20361	46.51966	18032900					07010106	
694	503	Crow Wing	Gilbert Lake		18-0320-00			18032000	Lake	391		MDNR 2008, 7 MDNR APM	PWRW		408761.4	5137956	-94.18665	46.38902	18032000					07010104	
1530	348	Crow Wing	Gladstone		18-0338-00			18033800	Lake	457		MPCA 2013	II		404812.1	5147960	-94.24004	46.47849	18033800					07010106	
695	504	Crow Wing	Goodrich Lake		18-0226-00			18022600	Lake	382		5 MDNR 2008	PWRW		421641.4	5171388	-94.07481	46.69146	18022600					07010105	
696	505	Crow Wing	Google Lake		18-0223-00			18022300	Lake	107		2007, MDNR 11 2008, 2010	PWRW		422256.4	5163080	-94.01536	46.61677	18022300					07010105	
1531	349	Crow Wing	Grass		18-0362-00			18036200	Lake	45		1 MDNR 2008	II		406612.8	5167823	-94.22059	46.65745	18036200					07010105	
697	506	Crow Wing	Grass Lake		18-0230-00			18023000	Lake	78		4 MDNR 2008	PWRW		421319.4	5174421	-94.02954	46.71871	18023000					07010105	
1532	350	Crow Wing	Grave		18-0110-00			18011000	Lake	177		MPCA 2013	II		423670.3	5133264	-93.99187	46.34085	18011000					07010104	
1533	351	Crow Wing	Green		18-0233-00			18023300	Lake	14		1 MDNR 2008	II		412473.9	5144455	-94.13959	46.44799	18023300					07010104	
698	507	Crow Wing	Greer Lake		18-0287-00			18028700	Lake	384		20 MDNR 2008	PWRW		419320.4	5165841	-94.05419	46.64127	18028700					07010105	
699	508	Crow Wing	Half Moon Lake		18-0238-00			18023800	Lake	70		2007, MDNR 14 2008	PWRW		416354.4	5150946	-94.09024	46.50689	18023800					07010104	
700	509	Crow Wing	Happy Lake		18-0101-00			18010100	Lake	51		36 MDNR 2008	PWRW		421142.4	5138152	-94.02568	46.39234	18010100					07010104	
701	510	Crow Wing	Hay Lake		18-0444-00			18044400	Lake	46		29 MDNR 2008	PWRW		417661.4	5141576	-94.07156	46.42273	18044400					07010104	
702	511	Crow Wing	Hay Lake		18-0120-00			18012000	Lake	44		MDNR APM	PWRW		420631.4	5145137	-94.03352	46.45514	18012000					07010104	
703	512	Crow Wing	Hole-in-the-Day Lake		18-0401-00			18040100	Lake	217		MDNR 2008, 90 2010	PWRW		400965.4	5148645	-94.29029	46.4841	18040100					07010106	
704	513	Crow Wing	Holt Lake		18-0029-00			18002900	Lake	164		2007, MDNR 10 2008	PWRW		435551.4	5122816	-93.83619	46.25586	18002900					07010207	
705	514	Crow Wing	Horseshoe Lake		18-0317-00			18031700	Lake	33		13 MDNR 2008	PWRW		411468.4	5141954	-94.15221	46.42536	18031700					07010104	

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Attachment 5A

Alphabetical by County Name

OBJECTID	File Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE_Eng	DOVWKNUM	Wb_Typ	ACRES	NR2008ES	REFERENCE_SOURSTATUS	LIST	JTM_X	WJTM_Y	WIDN_DD	W_AT_DD	XIDNUM	RIBAL	INTIa_W	HUC8
1534	352	Crow Wing	Hubert		18-0375-00		18037500	Lake	1344		MPCA 2013	II	402768.8	5148890	-94.26685	46.48656	18037500			07010106
706	515	Crow Wing	Island Lake		18-0052-00		18005200	Lake	37	18	MDNR 2008	PWRW	429555.4	5131973	-93.91534	46.33767	18005200			07010104
707	516	Crow Wing	Island Lake		18-0383-00		18038300	Lake	85	2	MDNR 2008	PWRW	398983.4	5129829	-94.31204	46.31451	18038300			07010104
1535	353	Crow Wing	Jack Pine		18-0023-00		18002300	Lake	149		MPCA 2013	II	428978.8	5124532	-93.92171	46.27065	18002300			07010104
708	517	Crow Wing	Jail Lake		18-0415-00		18041500	Lake	190	2	MDNR 2008	PWRW	40676.4	5183744	-94.3016	46.75984	18041500			07010105
709	518	Crow Wing	Johnson Lake		18-0328-00		18032800	Lake	129	25	MDNR 2008	PWRW	406996.4	5153081	-94.21262	46.52487	18032800			07010106
710	519	Crow Wing	Lily Pad Lake		18-0275-00		18027500	Lake	47	30	MDNR 2008	PWRW	419000.4	5171294	-94.05932	46.6903	18027500			07010105
1536	354	Crow Wing	Little Pelican		18-0351-00		18035100	Lake	402		MPCA 2013	II	406994.4	5156864	-94.2134	46.55891	18035100			07010105
711	520	Crow Wing	Little Pine Lake		18-0176-00		18017600	Lake	135	30	2007, MDNR 2008, 2010	PWRW	437845.4	5182094	-93.81436	46.7895	18017600			07010105
712	521	Crow Wing	Little Pine Lake		18-0266-00		18026600	Lake	384	20	MDNR APM	PWRW	418641.4	5172917	-94.06431	46.70486	18026600			07010105
713 1	522	Crow Wing	Little Pine River		07010105-505	18river_2		Stream		2007		II	420877.4	5161569	-94.03311	46.60302	18river_2			07010105
1537	355	Crow Wing	Little Rabbit		18-0139-00		18013900	Lake	153		MPCA 2013	II	419057.7	5146337	-94.05421	46.46575	18013900			07010104
714	523	Crow Wing	Lizzie Lake		18-0416-00		18041600	Lake	384		2007, MDNR 2008, MCBS	PWRW	398916.4	5184085	-94.32474	46.80273	18041600			07010105
715	524	Crow Wing	Long Lake		18-0031-00		18003100	Lake	80	4	MDNR 2008	PWRW	431445.4	5122559	-93.88942	46.25315	18003100			07010207
1538	356	Crow Wing	Loon / Ward		18-0111-00		18011100	Lake	54		MPCA 2013	II	426267.9	5140637	-93.95942	46.41528	18011100			07010104
716	525	Crow Wing	Love Lake		18-0388-00		18038800	Lake	86	18	MDNR 2008, MDNR APM	PWRW	398911.4	5143335	-94.31589	46.43602	18038800			07010106
1539	357	Crow Wing	Lower Cullen		18-0403-00		18040300	Lake	459		MPCA 2013	II	401032.9	5154736	-94.29071	46.53891	18040300			07010106
717	526	Crow Wing	Lower Dean Lake		18-0181-00		18018100	Lake	372	360	2007, MDNR 2008, 2010	PWRW	432123.4	5161261	-93.88625	46.60148	18018100			07010104
1540	358	Crow Wing	Lower Hay		18-0378-00		18037800	Lake	720		MPCA 2013	II	401816.7	5169015	-94.28352	46.66749	18037800			07010105
718	527	Crow Wing	Lower Mission Lake		18-0243-00		18024300	Lake	799	50	MDNR 2008, MDNR APM, 2010	PWRW	415649.4	5153758	-94.09994	46.5321	18024300			07010104
719	528	Crow Wing	Lows Lake		18-0180-00		18018000	Lake	320	45	2007, MDNR 2008, MDNR APM, 2010	PWRW	436441.4	5176577	-93.83199	46.73972	18018000			07010105
1541	359	Crow Wing	Mahnomen		18-0126-00		18012600	Lake	238		MDNR 2008, Uefm/MPCA	II	423088.3	5149555	-94.00226	46.49517	18012600			07010104
720	529	Crow Wing	Mallard Lake		18-0334-00		18033400	Lake	73	4	MDNR 2008	PWRW	405303.3	5149300	-94.23392	46.49061	18033400			07010106
270	530	Crow Wing	Maple Lake		18-0045-00		18004500	Lake	68	20	MDNR 2008	PWRW	432251.4	5135323	-93.8606	46.36809	18004500			07010104
271	531	Crow Wing	Mayo Lake		18-0408-00		18040800	Lake	278		MDNR APM	PWRW	398731.4	5158227	-94.32148	46.56998	18040800			07010106
272	532	Crow Wing	Middle Cullen Lake		18-0377-00		18037700	Lake	405	2	2007, MDNR 2008, 2010	PWRW	403250.4	5156211	-94.2621	46.5525	18037700			07010106
273 1	533	Crow Wing	Mississippi River		07010104-656	18r, S007-205		Stream			MDNR 2008, Uefm/MPCA	PWRW	413571.4	5143396	-94.12511	46.4386	205	18r1, S007-		07010104
274	534	Crow Wing	Mitchell Lake		18-0294-00		18029400	Lake	460	3	MDNR 2008	PWRW	420029.4	5181074	-94.04757	46.77842	18029400			07010105
275	535	Crow Wing	Mollie Lake		18-0335-00		18033500	Lake	421	17	MDNR 2008	PWRW	407907.4	5148581	-94.19985	46.4845	18033500			07010106
276	536	Crow Wing	Mud Lake		18-0094-00		18009400	Lake	78	6	MDNR 2008	PWRW	428055.4	5152065	-93.93793	46.51831	18009400			07010104

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Alphabetical by County Name

PROJECT#	File Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	Eng	DOWN	WQUID	WBD_Type	ACRES	R2008ES	REFERENCE	SOUR	TATUS	USUTM_X	WHUTM_Y	WHUTM_Z	DD_W	AT_DD	W	XIDNUM	RIBAL	JL	INT	L	W	HUC8
276	538	Crow Wing	Mud Lake		18-0198-00			18019800	Lake		103		10 MDNR 2008	PWRW		427803.4	5167991	-93.9437	46.66159	18019800							07010105	
279	539	Crow Wing	Mud Lake		18-0326-00			18032600	Lake		82		MDNR 2008, 60 2010	PWRW		406187.4	5154613	-94.22347	46.53854	18032600							07010106	
277	537	Crow Wing	Mud Lake		18-0137-00			18013700	Lake		132		MDNR 2008, 40 2010	PWRW		418282.4	5136186	-94.06253	46.37431	18013700							07010104	
280	540	Crow Wing	Neison Lake		18-0164-00			18016400	Lake		323		MDNR 2008, 100 2010	PWRW		435310.4	5162618	-93.84483	46.61401	18016400							07010104	
721	541	Crow Wing	Nisswa Lake		18-0399-00			18039900	Lake		213		MDNR 2008, 25 MDNR APM	PWRW		400456.4	5152605	-94.29776	46.51965	18039900							07010106	
1543	361	Crow Wing	Nokay		18-0104-00			18010400	Lake		782		MPCA 2013	II		425327.8	5136316	-93.97096	46.3763	18010400							07010104	
722	542	Crow Wing	North Long Lake		18-0372-00			18037200	Lake		6178		2007, MDNR 2008, MDNR 10 APM	PWRW		404642.4	5143501	-94.24134	46.43834	18037200							07010106	
1544	362	Crow Wing	Olander		18-0091-00			18009100	Lake		89		MPCA 2013	II		427886.2	5145192	-93.93907	46.45644	18009100							07010104	
723	543	Crow Wing	Olson Lake		18-0171-00			18017100	Lake		28		3 MDNR 2008	PWRW		431884.4	5167126	-93.89023	46.65423	18017100							07010104	
724	544	Crow Wing	Ossawinnamakee		18-0352-00			18035200	Lake		739		MDNR 2008, 1 Survey	PWRW		408313.4	5164635	-94.19774	46.67901	18035200							07010105	
725	545	Crow Wing	Pelican Lake		18-0308-00			18030800	Lake		8468		MDNR 2008, MDNR APM	PWRW		409907.4	5158751	-94.17577	46.57628	18030800							07010105	
726	546	Crow Wing	Perch Lake		18-0304-00			18030400	Lake		181		8 MDNR 2008	PWRW		412509.4	5153585	-94.14085	46.53015	18030400							07010106	
727	547	Crow Wing	Pine Lake		18-0261-00			18026100	Lake		391		60 2010	PWRW		415359.4	5165358	-94.10584	46.65643	18026100							07010105	
728	548	Crow Wing	Pine River		07010105-504	18river_3			Stream				2007	II		420633.7	5157282	-94.03556	46.56442	18river_3							07010105	
729	549	Crow Wing	Platte Lake		18-0088-00			18008800	Lake		1768		2007, MDNR 2008, MDNR 350 APM, 2010	PWRW		428494.4	5112756	-93.92621	46.16472	18008800							07010201	
730	550	Crow Wing	Pointon Lake		18-0105-00			18010500	Lake		193		MDNR 2008, 14 MPCA 2013	PWRW		424301.4	5135854	-93.98423	46.37202	18010500							07010104	
1546	364	Crow Wing	Rabbit		18-0093-01	180093			Lake		840		UofM/MPCA 2013	II		430148.2	5153475	-93.91086	46.53122	18009300							07010104	
731	551	Crow Wing	Rat Lake		18-0410-00			18041000	Lake		100		2 MDNR 2008	PWRW		399532.4	5170264	-94.31364	46.6784	18041000							07010105	
732	552	Crow Wing	Red Sand Lake		18-0386-00			18038600	Lake		569		MDNR 2008, 28 MDNR APM	PWRW		401354.4	5136298	-94.28261	46.37307	18038600							07010106	
1547	365	Crow Wing	Reno		18-0067-00			18006700	Lake		181		MPCA 2013	II		431203.6	5146420	-93.89606	46.46784	18006700							07010104	
733	553	Crow Wing	Rice (Blomberg's) Lake		18-0121-00			18012100	Lake		78		MDNR 2008, 60 2010	PWRW		426276.4	5144804	-93.95997	46.45278	18012100							07010104	
734	554	Crow Wing	Rice (Clark Lake) Lake		18-0327-00			18032700	Lake		181		MDNR 2008, 124 2010	PWRW		404189.4	5151587	-94.2489	46.51103	18032700							07010106	
214	555	Crow Wing	Rice (Deerwood) Lake		18-0068-00			18006800	Lake		185		2007, MDNR 2008, 2010	PWRW		428838.4	5146053	-93.9268	46.46429	18006800							07010104	
215	556	Crow Wing	Rice (Hesitation WMA) Lake		18-0053-00			18005300	Lake		168		2007, MDNR 2008, UofM/MPCA	PWRW		431169.3	5132054	-93.89439	46.33856	18005300							07010104	
216	557	Crow Wing	Rice (Lowell WMA) Lake		18-0405-00			18040500	Lake		85		33 MDNR 2008	PWRW		402628.4	5161175	-94.27116	46.59706	18040500							07010106	

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OBJECT_ID	FILE_NUM	COUNTYNAME	ALT_NAME	MPCA_WID	T_SITE	ENG	DOWNLNUM	W_B_Typ	ACRES	NR2008	REFERENCE	SOURSTATUS	LIST	UTM_X	UTM_Y	WIDN_DD	W_LAT_DD	W	XIDNUM	RIBAL	INT	W	HUC8
217	558	Crow Wing	Rice (Pratt's) Lake	18-0316-00			18031600	Lake	100	90	MDNR 2008,	PWRW		410550.4	514211.4	-94.16418	46.42668	18031600					07010104
218	559	Crow Wing	Rice Bed Lake	18-0187-00			18018700	Lake	50	47	MDNR 2008,	PWRW		424017.4	5163342	-93.99241	46.61933	18018700					07010105
219	560	Crow Wing	Rock Lake	18-0016-00			18001600	Lake	210	10	MDNR 2008	PWRW		431040.4	5113767	-93.89339	46.17398	18001600					07010201
220	561	Crow Wing	Rogers Lake	18-0184-00			18018400	Lake	249	4	MDNR 2008	PWRW		431353.4	5168310	-93.89735	46.66483	18018400					07010104
221	562	Crow Wing	Round (Round-Rice Bed WMA)	18-0032-00			18003200	Lake	82	5	MDNR 2008	PWRW		435510.4	5131713	-93.82495	46.33602	18003200					07010207
222	563	Crow Wing	Round Lake	18-0147-00			18014700	Lake	144	5	MDNR 2008	PWRW		405779.4	5118614	-94.22155	46.21457	18014700					07010104
223	564	Crow Wing	Round Lake	18-0373-00			18037600	Lake	1706		MDNR APM	PWRW		401481.3	5145711	-94.28295	46.45778	18037300					07010106
224	565	Crow Wing	Roy Lake	18-0398-00			18039800	Lake	310	5	MDNR 2008,	PWRW		398745.4	5152562	-94.32006	46.51901	18039800					07010106
1548	365	Crow Wing	Rush-Hen (Rush)	18-0311-00			18031100	Lake	762		MPCA 2013	II		412798.7	5171205	-94.1404	46.68872	18031100					07010105
1549	367	Crow Wing	Rushmeyer	18-0082-00			18008200	Lake	43		MPCA 2013	II		435705.3	5150424	-93.83798	46.50432	18008200					07010104
1550	368	Crow Wing	Ruth	18-0212-00			18021200	Lake	623		MPCA 2013	II		427224.7	5178008	-93.95284	46.75166	18021200					07010105
225	566	Crow Wing	Scott Lake	18-0033-00			18003300	Lake	178		MDNR APM	PWRW		433213.4	5131235	-93.86771	46.3314	18003300					07010207
226	567	Crow Wing	Sebie Lake	18-0161-00			18016100	Lake	180	2	MDNR 2008	PWRW		397790.4	5113767	-94.32405	46.16981	18016100					07010104
227	568	Crow Wing	Sewells Pond	18-0446-00			18044600	Lake	20	16	MDNR 2008	PWRW		407738.4	5119232	-94.19628	46.22041	18044600					07010104
228	569	Crow Wing	Sibley Lake	18-0404-00			18040400	Lake	412	10	MDNR APM	PWRW		398289.4	5161244	-94.3279	46.59705	18040400					07010106
229	570	Crow Wing	Smith Lake	18-0028-00			18002800	Lake	486		MDNR 2008,	PWRW		434074.4	5123648	-93.85546	46.26321	18002800					07010207
230	571	Crow Wing	South Long Lake	18-0136-00			18013600	Lake	1380	4	MDNR 2008	PWRW		417418.4	5126662	-94.07209	46.28851	18013600					07010104
1551	369	Crow Wing	Star	18-0359-00			18035900	Lake	153		MPCA 2013	II		410438.2	5167939	-94.17063	46.65902	18035900					07010105
231	572	Crow Wing	Stewart Lake	18-0367-00			18036700	Lake	254	5	MDNR 2008	PWRW		406891.4	5182494	-94.21992	46.78949	18036700					07010106
232	573	Crow Wing	Tamarack Lake	18-0318-00			18031800	Lake	34	30	MDNR 2008	PWRW		409933.4	5141207	-94.17204	46.41843	18031800					07010104
233	574	Crow Wing	Terry Lake	18-0162-00			18016200	Lake	102	55	MDNR 2008,	PWRW		440263.4	5162861	-93.78018	46.61666	18016200					07010104
1552	370	Crow Wing	Thompson	18-0172-00			18017200	Lake	20		MPCA 2013	II		433998.4	5165656	-93.8624	46.64121	18017200					07010104
234	575	Crow Wing	Twentytwo Lake	18-0008-00			18000800	Lake	169	42	MDNR 2008,	PWRW		433291.4	5116346	-93.86459	46.19742	18000800					07010201
1553	371	Crow Wing	Twin (East Twin)	18-0148-02			18014802	Lake	25		MPCA 2013	II		399990.7	5117395	-94.29632	46.20278	18014802					07010104
235	576	Crow Wing	Twin Island Lake	18-0106-00			18010600	Lake	85	42	MDNR 2008,	PWRW		420204.4	5136978	-94.03768	46.38167	18010600					07010104
1554	372	Crow Wing	Unnamed	18-0504-00			18050400	Lake	28		MPCA 2013	II		429020	5146791	-93.92455	46.47095	18050400					07010104
1555	373	Crow Wing	Unnamed	18-0422-00			18042200	Lake	20		MPCA 2013	II		432181.7	5115721	-93.87888	46.19169	18042200					07010201
1556	374	Crow Wing	Unnamed	18-0201-00			18020100	Lake	16	1	MDNR 2008	II		422556.2	5166934	-94.0121	46.65149	18020100					07010105
1557	375	Crow Wing	Unnamed	18-0424-00			18042400	Lake	16		MPCA 2013	II		434092	5124220	-93.85532	46.26836	18042400					07010207
1558	377	Crow Wing	Unnamed	18-0154-00			18015400	Lake	57		MPCA 2013	II		407580.5	5126058	-94.19966	46.2818	18015400					07010104
1560	378	Crow Wing	Unnamed	18-0055-00			18005500	Lake	70	1	MDNR 2008	II		435062.2	5132137	-93.84382	46.39969	18005500					07010207

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OBJECT_ID	County Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	II_SITE	DOBILUNUM	WBS_Type	ACRES	NZ008ES	REFERENCE_SOURCE	STATUS	LIST	UTM_X	UTM_Y	UTM_Z	WIDN_DD	W_LAT_DD	W_WID	XIDNUM	IBAL	INT	a_w	HUC8
236	577	Crow Wing	Unnamed (Blackies Slough)		18-0544-00		18054400	Lake	33	20	MDNR 2008	PWRW		395143.4	5140201	-94.31219	46.40786	18054400					07010106	
1561	379	Crow Wing	Unnamed (Island)		18-0382-00		18038200	Lake	139		MPCA 2013	II		399558.9	5131552	-94.30493	46.3301	18038200					07010104	
1558	376	Crow Wing	Unnamed (Little Whale)		18-0510-00		18051000	Lake	36		MPCA 2013	II		436166.7	5145365	-93.83128	46.45884	18051000					07010104	
237	578	Crow Wing	Unnamed (Lost Rice)		18-0228-00		18022800	Lake	157	80	MDNR 2008, 2010	PWRW		421234.4	5167108	-94.0294	46.6529	18022800					07010105	
238	579	Crow Wing	Unnamed (Nokasippi R. Rice Bed)		18-0485-00		18048500	Lake	166	40	MDNR 2008, 2010	PWRW		413879.3	5121551	-94.11709	46.24208	18048500					07010104	
239	580	Crow Wing	Unnamed (Total's Pothole)		18-0543-00		18054300	Lake	28	16	MDNR 2008	PWRW		399705.4	5138782	-94.30458	46.39517	18054300					07010106	
680	489	Crow Wing	Unnamed Creek	Crow Wing River	07010104-674	18-river		Stream		2007		II		394231.6	5121946	-94.37197	46.24286	18-river_1					07010104	
240	581	Crow Wing	Unnamed Lake		18-0413-00		18041300	Lake	103	27	MDNR 2008	PWRW		395738.4	5183151	-94.31376	46.79436	18041300					07010105	
241	582	Crow Wing	Unnamed Lake		18-0550-00		18055000	Lake	30	30	MDNR 2008, 2007, MDNR 2008, MDNR	PWRW		413383.4	5146403	-94.12812	46.46564	18055000					07010104	
242	583	Crow Wing	Upper Cullen Lake		18-0376-00		18037600	Lake	459	23	APM	PWRW		403684.4	5157720	-94.25675	46.56615	18037600					07010106	
243	584	Crow Wing	Upper Dean Lake		18-0170-00		18017000	Lake	263	10	MCBS 2017	PWRW		432448.4	5165590	-93.88264	46.64047	18017000					07010104	
244	585	Crow Wing	Upper Hay Lake		18-0412-00		18041200	Lake	640	2	MDNR APM	PWRW		400304.4	5166295	-94.30269	46.6428	18041200					07010105	
245	586	Crow Wing	Upper Mission Lake		18-0242-00		18024200	Lake	895	5	MDNR 2008, MDNR APM	PWRW		417700.4	5156170	-94.07363	46.55405	18024200					07010104	
1562	380	Crow Wing	Upper South Long		18-0096-00		18009600	Lake	793		MPCA 2013, 2007, MDNR	II		419995.5	5128760	-94.039	46.30769	18009600					07010104	
246	587	Crow Wing	Upper Whitefish Lake		18-0310-00		18031000	Lake	7969	50	APM, 2010	PWRW		407175.4	5171222	-94.21393	46.68811	18031000					07010105	
247	588	Crow Wing	Velvet Lake		18-0284-00		18028400	Lake	167	2	MDNR 2008	PWRW		420122.4	5167927	-94.04407	46.66013	18028400					07010105	
248	589	Crow Wing	Whipple Lake		18-0387-00		18038700	Lake	345	40	MDNR 2008, 2010	PWRW		399668.4	5135137	-94.30428	46.36237	18038700					07010106	
249	590	Crow Wing	Whitefish Lake		18-0001-00		18000100	Lake	709	30	MDNR APM	PWRW		437712.4	5117541	-93.80745	46.20859	18000100		Mill	Partially	Lacs	07010207	
250	591	Crow Wing	Williams Lake		18-0024-00		18002400	Lake	47	3	MDNR 2008	PWRW		431143.4	5125859	-93.89382	46.28281	18002400					07010207	
251	592	Crow Wing	Wilson Lake		18-0049-00		18004900	Lake	63	4	MDNR 2008	PWRW		434258.4	51332840	-93.85436	46.34595	18004900					07010104	
252	593	Crow Wing	Wolf Lake		18-0112-00		18011200	Lake	218	25	MDNR 2008	PWRW		424129.4	5141045	-93.98731	46.41872	18011200					07010104	
2303		Dakota	Blackhawk		19-0059-00		19005900	Lake	40		MDNR 2008	II		485376.4	4963070	-93.18497	44.82089						07020012	
1563	381	Dakota	Chub		19-0020-00		19002000	Lake	301	1	MDNR 2008	II		482699.1	4934680	-93.21787	44.56525	19002000					07040002	

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Alphabetical by County Name

OBJECTID	Shape_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	II_SITE	Eng	DOWLKNUM	MB_Type	ACRES	NR2008EST	REFERENCE	SOURCE	STATUS	USUTM_X	USUTM_Y	WHON_DD	W_LAT_DD	W_LAT_DD_W	XIDNUM	RIBAL_ID	INT_ID	W	HUC8
253	594	Douglas	Anka Lake		21-0353-00		21035300	Lake	208			UofM/MPCA 2013	II		288604.3	5106360	-95.73396	46.07811	21035300					07010108
1564	383	Douglas	Brophy		21-0102-00		21010200	Lake	281			MPCA 2013	II		310571.8	5086206	-95.44214	45.90332	21010200					07010108
9		Douglas	Carlos		21-0057-00		21005700	Lake	2605			MPCA 2013	II		317026.5	5093030	-95.36161	45.96643	21005700					07010108
254	595	Douglas	Christina Lake		21-0375-00		21037500	Lake	3949			UofM/MPCA 2013	II		289029.3	5108477	-95.72941	46.09727	21037500					07020002
1565	383	Douglas	Freeborn		21-0162-00		21016200	Lake	250			MPCA 2013	II		296658.7	5074583	-95.61642	45.79484	21016200					07020005
1566	384	Douglas	Hidden		21-0058-00		21005800	Lake	17			MPCA 2013	II		318124.7	5096020	-95.34858	45.99361	21005800					07010108
255	596	Douglas	Ida Lake		21-0123-00		21012300	Lake	4506			MDNR APM, MPCA 2013	PWRW		312457.4	5093224	-95.4206	45.96695	21012300					07010108
256	597	Douglas	Ina Lake		21-0355-00		21035500	Lake	221			UofM/MPCA 2013	PWRW		289300.4	5105993	-95.7248	46.07503	21035500					07020002
1567	385	Douglas	Indian		21-0136-00		21013600	Lake	83			MPCA 2013	II		308280.7	5098836	-95.47711	46.02525	21013600					07020005
257	598	Douglas	Irene Lake		21-0076-00		21007600	Lake	691			MDNR APM, MPCA 2013	PWRW		321531.4	5103457	-95.30741	46.0614	21007600					07010108
3330		Douglas	Jessie Lake		21-0055-00		21005500	Lake	110			MDNR APM	PWRW		320870.7	5082069	-95.30794	45.86888					07010108	
258	599	Douglas	Latoka Lake		21-0106-00		21010600	Lake	872			MDNR APM	PWRW		311106.4	5082994	-95.434	45.87458	21010600					07010108
1568	386	Douglas	Little Chippewa		21-0212-00		21021200	Lake	282			MPCA 2013	II		299150	5097181	-95.59385	45.99876	21021200					07020005
1581	387	Douglas	Long		21-0343-00		21034300	Lake	205			MPCA 2013	II		292001.4	5092737	-95.68414	45.95667	21034300					07020005
259 1	600	Douglas	Long Prairie River		07010108-505	S007-203		Stream				UofM/MPCA 2013	PWRW		332642.8	5093306	-95.1603	45.97291	S007-203					07010108
260 1	601	Douglas	Long Prairie River		07010108-535	S007-204		Stream				UofM/MPCA 2013	PWRW		324764.2	5097341	-95.2634	46.00723	S007-204					07010108
261	602	Douglas	Louise Lake		21-0094-00		21009400	Lake	220			UofM/MPCA 2013, MDNR APM, MPCA 2013	PWRW		312460.4	5089019	-95.41892	45.92913	21009400					07010108
1582	388	Douglas	Mary		21-0092-00		21009200	Lake	2559			MPCA 2013	II		307508.1	5077774	-95.47823	45.82665	21009200					07010108
262	603	Douglas	Mill Pond Lake		21-0034-00		21003400	Lake	48			UofM/MPCA 2013	PWRW		328959.4	5105505	-95.21218	46.08171	21003400					07010108
263	604	Douglas	Miltona Lake		21-0083-00		21008300	Lake	5924			UofM/MPCA 2013	PWRW		316697.4	5101321	-95.36903	46.0409	21008300					07010108
1583	389	Douglas	Mina		21-0108-00		21010800	Lake	447			MPCA 2013	II		307286.3	5084528	-95.48379	45.8732	21010800					07010108
1584	390	Douglas	Mud		21-0236-00		21023600	Lake	50			MDNR 2008	II		299232.9	5107634	-95.59718	46.09277	21023600					07020005
11		Douglas	Stoney	Stone	21-0101-00		21010100	Lake	87			MPCA 2013	PWRW		311771.1	5086846	-95.42695	45.9094	21010100					07010108
1585	391	Douglas	Stowe		21-0264-00		21026400	Lake	533			MPCA 2013	II		296418.6	5096714	-95.62889	45.99375	21026400					07020005
775	605	Douglas	Taylor Lake		21-0105-00		21010500	Lake	98			MDNR APM	PWRW		311591.3	5085754	-95.42883	45.89953	21010500					07010108
10		Douglas	Union	North Union	21-0095-00		21009500	Lake	113			MPCA 2013	PWRW		311526.7	5087117	-95.4302	45.91178	21009500					07010108
776	606	Douglas	Union Lake		21-0041-00		21004100	Lake	227			MDNR APM, MPCA 2013	PWRW		318047.4	5076375	-95.34213	45.81693	21004100					07010108
1586	392	Douglas	Unnamed		21-0075-00		21007500	Lake	32			MPCA 2013	II		319171.9	5106111	-95.3389	46.08464	21007500					07010108
777	607	Douglas	Unnamed Lake		21-0416-00		21041600	Lake	24			MCBS 2011, MPCA 2013	PWRW		317570.3	5099799	-95.35718	46.02745	21041600					07010108

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PROJECT#	File Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	Flow	DOWNUM	WB_Type	ACRES	HR2008ES	REFERENCE	SOURCE	STATUS	LISITM_X	WJTM_Y	WJON_DD	W_LAT	DD_W	XIDNUM	IBAL	INT	al_W	HUC3
2304		Faribault	Minnesota		22-0033-00		22003300	Lake	1915		MDNR 2008	II			430784	4854190	-93.86097	43.83754						07020011
1588	394	Faribault	Rice		22-0007-00		22000700	Lake	266		MDNR 2008	II			440290.5	4832851	-93.74036	43.64626	22000700					07020009
1587	393	Faribault	Rice		22-0075-00		22007500	Lake	976		MDNR 2008	II			412123	4848773	-94.09217	43.7868	22007500					07020011
1589	395	Fillmore	Rice Creek		07040008-581	23r1		Stream			MDNR 2008	II			571643.2	4850659	-92.10931	43.80553	23r1					07040008
1590	396	Freeborn	Bear		24-0028-00		24002800	Lake	1560		UofM/MPCA 2013	II			459979.8	4821457	-93.4954	43.54499	24002800					07080203
1591	397	Freeborn	Lower Twin		24-0027-00		24002700	Lake	480		MPCA 2013	II			464373	4823756	-93.44117	43.58591	24002700					07080202
778	608	Freeborn	Spicer Lake		24-0045-00		24004500	Lake	125		100 MDNR 2008	PWRW			453351.4	4851795	-93.5552	43.81788	24004500					07020011
779	609	Freeborn	Trenton Lake		24-0049-00		24004900	Lake	184		18 MDNR 2008	PWRW			459853.4	4854963	-93.5741	43.84631	24004900					07020011
41		Goodhue	Larson		25-0016-00		25001600	Lake	56		MPCA 2013	II			526097.8	4941677	-92.671	44.62797	25001600					07040001
42		Goodhue	Nelson		25-0017-02		25001702	Lake	34		MPCA 2013	II			52611.22	4942020	-92.66955	44.63106	25001702					07040001
1592	398	Goodhue	Rice Bottoms		07040002-501	25r1		Stream			MDNR 2008	II			532752.1	4937741	-92.58736	44.59227	25r1					07040002
780	610	Goodhue	Sturgeon Lake		25-0017-01		25001701	Lake	830		MDNR 2008, Survey	PWRW			528597.4	4943054	-92.63941	44.64028	25001701			Prei		07040001
1593	399	Grant	Elk		26-0040-00		26004000	Lake	171		MPCA 2013	II			282013	5083470	-95.80867	45.87027	26004000			Partia		07020002
1594	400	Grant	Pelican		26-0002-00		26000200	Lake	3680		MPCA 2013, UofM/MPCA 2013	II			282244.3	5104054	-95.81506	46.05538	26000200					07020002
1595	401	Hennepin	Grass		27-0135-00		27013500	Lake	7		MDNR 2008	II			459002.8	5004081	-93.52189	45.18902	27013500					07010206
1596	402	Hennepin	Grass		27-0080-00		27008000	Lake	326		MDNR 2008	II			463124.5	4962256	-93.46636	44.81275	27008000					07020012
1597	403	Hennepin	Little Long		27-0179-00		27017900	Lake	117		MPCA 2013	II			444155.8	4977622	-93.70793	44.94984	27017900					07010205
1599	405	Hennepin	Rice		27-0116-00		27011600	Lake	353		MDNR 2008	II			463298.2	4995818	-93.4666	45.11488	27011600					07010206
1598	404	Hennepin	Rice		27-0132-00		27013200	Lake	294		MDNR 2008	II			459198.7	4962324	-93.51601	44.81315	27013200					07020012
781	611	Houston	Blue Lake		28-0005-03		28000503	Lake	362		MDNR 2008, Survey	PWRW			637435.4	4852857	-91.29107	43.81601	28000503					07040006
782	612	Houston	Lawrence Lake		28-0005-01		28000501	Lake	142		MDNR 2008, Survey	PWRW			639342.4	4844565	-91.26952	43.74103	28000501					07060001
783	613	Houston	Miss. River backwater		28-0005-00	11HOU S044		Wetland			MPCA_BioMon	PWRW			639251.4	4845551	-91.2794	43.74992	44				11HOU	07060001
784	614	Houston	Mississippi Pool 8 at Genoa		28-0005-99	S007-222		Stream			UofM/MPCA 2013	PWRW			642641.4	4826278	-91.23341	43.57582	S007-222					07060001
785	615	Houston	Mississippi Pool 8 at Reno Bottoms		28-0005-99	S007-556		Stream			UofM/MPCA 2013	PWRW			639739.1	4829178	-91.26859	43.60247	S007-556					07060001
786	616	Houston	Target Lake		28-0005-02		28000502	Lake	424		MDNR 2008, Survey	PWRW			638429.4	4850128	-91.27942	43.79127	28000502					07040006
787	617	Hubbard	Bass Lake 2		29-0132-00		29013200	Lake	21		MCBS 2011, MPCA 2013	PWRW			361067.4	5224720	-94.83299	47.16131	29013200					07010102
1600	406	Hubbard	Beauty		29-0292-00		29029200	Lake	54		MPCA 2013	II			338893.6	5225884	-95.12579	47.16672	29029200					07010101
788	618	Hubbard	Bedon		29-0265-00		29026500	Lake	40		MCBS 2011, MPCA 2013	PWRW			337700.4	5207068	-95.13473	46.99723	29026500					07010106
789	619	Hubbard	BelleTaine Lake		29-0146-00		29014600	Lake	1252		MDNR APM	PWRW			354593.4	5199713	-94.91031	46.93501	29014600					07010106
1601	408	Hubbard	Big Sand		29-0185-00		29018500	Lake	1738		MPCA 2013	II			350559.7	5207192	-94.96573	47.00137	29018500					07010106

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OBJECTID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	ENR	DOWLKNUM	W_B_Type	ACRES	MR2008ES	REFERENCE_SOURTATUS	LUSTM_X	WJUTM_Y	WIDON_DD	W_LAT_DD	W_LONG_DD	XIDNUM	RIBAL_ID	INTLAL_W	HUCB
790	620	Hubbard	Birch Creek	07010101-573	29r1	29r1			Stream			II	348533.9	523241.4	-95.00085	47.22774	29r1				07010101
2331		Hubbard	Clausens	29-0097-00			29009700		Lake	222		PWRW	356301.4	5204463	-94.89297	46.97753	29009700				07010106
791	621	Hubbard	Crow Wing Lake	29-0116-00			29011600		Lake	47		PWRW	358740.4	5207564	-94.8583	47.00651	29011600				07010106
792	622	Hubbard	Crow Wing River	07010106-516	29river	29river			Stream			PWRW	355973.5	5185245	-94.88762	46.80518	29river				07010106
793	623	Hubbard	Deer Lake	29-0090-00			29009000		Lake	193		PWRW	358126.4	5203183	-94.865	46.96698	29009000				07010106
794	624	Hubbard	Duck Lake	29-0142-00			29014200		Lake	651		PWRW	354538.4	5185675	-94.90655	46.80874	29014200				07010106
795	625	Hubbard	Eagle Lake	29-0256-00			29025600		Lake	440		PWRW	340210.4	5209564	-95.10262	47.02029	29025600				07010106
796	626	Hubbard	Eighth Crow Wing Lake	29-0072-00			29007200		Lake	493		PWRW	363425.4	5202215	-94.79509	46.95939	29007200				07010106
1602	409	Hubbard	Eleventh Crow Wing	29-0036-00			29003600		Lake	752		II	368954.9	5208358	-94.72422	47.01576	29003600				07010106
1603	410	Hubbard	Emma	29-0186-00			29018600		Lake	85		II	352011.1	5208975	-94.94724	47.01773	29018600				07010106
1604	411	Hubbard	Evergreen	29-0227-00			29022700		Lake	206		II	347759	5240657	-95.01389	47.30168	29022700				07010101
797	627	Hubbard	Fifth Crow Wing Lake	29-0092-00			29009200		Lake	406		PWRW	356529.4	5198292	-94.88444	46.92265	29009200				07010106
798	628	Hubbard	First Crow Wing Lake	29-0086-00			29008600		Lake	564		PWRW	359700.4	5188914	-94.83993	46.83898	29008600				07010106
799	629	Hubbard	First Crow Wing River	07010106-523	29river_1	29river_1			Stream			PWRW	357225.3	5187236	-94.87184	46.82336	29river_1				07010106
800	630	Hubbard	Fish Hook Lake	29-0242-00			29024200		Lake	1432		PWRW	342909.3	5202424	-95.05465	46.95673	29024200				07010106
5		Hubbard	Fishhook River	07010106-627	FHR-1	FHR-1			Stream			PWRW	342799.7	5200930	-95.06557	46.94326					07010106
801	631	Hubbard	Fishhook River	07010106-542	29r4	29r4			Stream			II	345031.3	5188306	-95.03198	46.83025	29r4				07010106
802	632	Hubbard	Fourth Crow Wing Lake	29-0078-00			29007800		Lake	523		PWRW	358014.4	5193033	-94.86331	46.87567	29007800				07010106
1605	412	Hubbard	Frontenac	29-0241-00			29024100		Lake	224		II	349383.8	5245044	-94.9939	47.34151	29024100				07010101
803	633	Hubbard	Garfield Lake	29-0051-00			29005100		Lake	984		PWRW	367704.4	5231756	-94.74755	47.22596	29005100				07010102
1606	413	Hubbard	Halverson	29-0210-00			29021000		Lake	19		II	354332.1	5225860	-94.92217	47.17011	29022000				07010102
804	634	Hubbard	Hart Lake	29-0053-00			29005300		Lake	236		PWRW	367430.4	5238879	-94.75328	47.28997	29006300				07010102
1607	414	Hubbard	Hattie	29-0300-00			29030000		Lake	359		PWRW	344624.3	5237436	-95.05421	47.27198	29030000				07010101
805	635	Hubbard	Hay Creek	07010106-617	29river_2	29river_2			Stream			PWRW	335209.6	5210604	-95.16875	47.02847	29river_2				07010106
1608	415	Hubbard	Hinds	29-0249-00			29024900		Lake	310		II	343521.1	5188933	-95.05198	46.83554	29024900				07010106

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PROJECT File #	File Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	ENG	DOWNLUM/WE_Type	ACRES	NR2008ES	REFERENCE	SOURTATUS	LISTUM_X	WIDTUM_Y	WHON_DD	WLAT_DD_W	XIDNUM	RIBAL_IL	INT_a	W	HUCB
1609	416	Hubbard	Holland-Lucy		29-0095-00			Lake	29009500	44	MDNR 2008, II		360877.1	5196304	-94.82676	46.90569	29009500				07010106
806	636	Hubbard	Horseshoe Lake		29-0059-00			Lake	29005900	264	MDNR 2008, MDCR APM, MCBS 2011	PWRW	370881.4	5226003	-94.70394	47.17485	29005900				07010102
1610	417	Hubbard	Island		29-0088-00			Lake	29008800	235	MPCA 2013	II	360326.7	5194299	-94.83337	46.88754	29008800				07010106
807	637	Hubbard	Island Lake		29-0254-00			Lake	29025400	522	2007, MDNR 2008, MDNR	PWRW	339883.4	5212456	-95.10794	47.04622	29025400				07010106
808	638	Hubbard	Kabekona Lake		29-0075-00			Lake	29007500	2433	60 APM, 2010	PWRW	366803.3	5224390	-94.75726	47.15953	29007500				07010102
809 1	639	Hubbard	Kabekona River		07010102-511	290075 T2		Stream			2007, MDNR 2008	PWRW	364149.6	5226916	-94.79301	47.18171	29007572				07010102
810	640	Hubbard	Lake Alice		29-0286-00			Lake	29028600	150	2007, MDNR 2008, MDNR	PWRW	342321.3	5232024	-95.08273	47.22277	29028600				07010101
811	641	Hubbard	Lake George		29-0216-00			Lake	29021600	882	2008, MCBS 2011, 2010	PWRW	350365.4	5228554	-94.97538	47.19345	29021600				07010101
812	642	Hubbard	Little Gulch Lake		29-0123-00			Lake	29012300	22	MCBS 2011, MPCA 2013	PWRW	359510.4	5226459	-94.85407	47.17662	29012300				07010102
1611	418	Hubbard	Little Rice		29-0183-00			Lake	29018300	27	1, MDNR 2008	II	346360	5210350	-95.02202	47.02881	29018300				07010106
813	643	Hubbard	Little Sand Lake		29-0150-00			Lake	29015000	437	MDNR APM	PWRW	353087.3	5206019	-94.93213	46.99139	29015000				07010106
1612	419	Hubbard	Little Stony		29-0080-00			Lake	29008000	55	MDNR 2008	II	355106.1	5194384	-94.90188	46.88719	29008000				07010106
1613	420	Hubbard	Loon		29-0020-00			Lake	29002000	112	MDNR 2008	II	365218.7	5197206	-94.77005	46.9147	29002000				07010106
814	644	Hubbard	Lower Bottle Lake		29-0180-00			Lake	29018000	712	MDNR 2008, 10 MDNR APM	PWRW	351891.4	5210253	-94.94923	47.02921	29018000				07010106
815	645	Hubbard	Lower Mud Lake		29-0267-00			Lake	29026700	30	30 MDNR 2008	PWRW	340970.4	5214298	-95.09429	47.06304	29026700				07010106
816	646	Hubbard	Mantrap Lake		29-0151-00			Lake	29015100	1770	2007, MDNR 2008, 2010	PWRW	355457.4	5213918	-94.9035	47.05296	29015100				07010106
1614	421	Hubbard	Many Arm		29-0257-00			Lake	29025700	71	MPCA 2013	II	342687.7	5211566	-95.07074	47.03888	29025700				07010106
817	647	Hubbard	Mary Lake		29-0289-00			Lake	29028900	65	MCBS 2011, MPCA 2013	PWRW	335800.4	5228026	-95.16733	47.18523	29028900				07010101
1615	422	Hubbard	Midge		29-0066-00			Lake	29006600	588	MPCA 2013	II	370362.6	5249694	-94.71767	47.38783	29006600				07010101
818 1	648	Hubbard	Mississippi River		07010101-753	29river _3		Stream			2007	PWRW	338384.8	5252214	-95.14238	47.41235	29river_3				07010101
820	650	Hubbard	Mud Lake		29-0119-00			Lake	29011900	146	30 MDNR 2008	PWRW	354967.4	5216463	-94.91077	47.08573	29011900				07010106
821	651	Hubbard	Mud Lake		29-0065-00			Lake	29006500	66	MCBS 2011, MPCA 2013	PWRW	373055.4	5250897	-94.68235	47.39918	29006500			Lee ch Partial Lak e	07010101
822	652	Hubbard	Necktie River		07010102-502	29r2		Stream			2007, MDNR 2008	PWRW	368547.4	5234975	-94.73736	47.25508	29r2				07010102
823	653	Hubbard	Ninth Crow Wing Lake		29-0025-00			Lake	29002500	235	MDNR 2008, MCBS 2011	PWRW	365059.4	5203968	-94.77415	46.97549	29002500				07010106
824	654	Hubbard	Oak Lake		29-0060-00			Lake	29006000	58	1 2008, MDNR	PWRW	369517.4	5225722	-94.72185	47.17205	29006000				07010102
1616	423	Hubbard	Oelschlager Slough		29-0006-00			Lake	29000600	328	MDNR 2008	II	366598.1	5188464	-94.74938	46.83635	29000600				07010106

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Attachment 5A

Alphabetical by County Name

PROJECT File #	File Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	EDM	DOWLKNUM	WB_Typ	ACRES	NR2008	REFERENCE	SOURSTATUS	JUSTM_X	JUSTM_Y	WIDON_DD	WAT_DD	XIDNUM	NBAL_IL	INT_a	W	HUC8	
1617	424	Hubbard	Paine		29-0217-00			29021700	Lake	258		MDNR 2008	II	348822.9	5228180	-94.99561	47.18973	29021700				07010101	
1618	425	Hubbard	Pine		29-0197-00			29019700	Lake	46		MPCA 2013	II	345723.4	5222362	-95.0345	47.13669	29019700				07010101	
825	655	Hubbard	Plantagenet Lake		29-0156-00			29015600	Lake	2620		MDNR 2008, MDNR APM	PWRW	354760.4	5250256	-94.92447	47.3896	29015600				07010101	
1619	426	Hubbard	Portage		29-0250-00			29025000	Lake	429		MDNR 2008, Survey	PWRW	338696.4	5203545	-95.12038	46.96579	29025000				07010106	
826	656	Hubbard	Potato Lake		29-0243-00			29024300	Lake	2239		MDNR 2008, MDNR APM, 30 MCBS 2011	PWRW	343978.4	5207458	-95.05334	47.00224	29024300				07010106	
827	657	Hubbard	Rice Lake		29-0177-00			29017700	Lake	230		2007, MDNR 58 2008, 2010	PWRW	345698.3	5210966	-95.03093	47.03437	29017700				07010106	
828	658	Hubbard	Schoolcraft Lake		29-0215-00			29021500	Lake	176		2007, MCBS 2011, MDNR 35 2008	PWRW	347238.4	5224073	-95.01511	47.15242	29021500					07010101
829	659	Hubbard	Second Crow Wing Lake		29-0085-00			29008500	Lake	228		5 MDNR 2008	PWRW	357076.4	5188851	-94.8743	45.83785	29008500				07010106	
830	660	Hubbard	Seventh Crow Wing Lake		29-0091-00			29009100	Lake	251		MDNR 2008, 10 MCBS 2011	PWRW	360854.4	5200583	-94.82836	46.94418	29009100				07010106	
831	661	Hubbard	Shallow Lake		29-0089-00			29008900	Lake	295		9 MDNR 2008	PWRW	357272.4	5203301	-94.87626	46.96786	29008900				07010106	
832.1	662	Hubbard	Shell River		07010106-681	29F5			Stream			2007, MDNR 2008	PWRW	355965	5185473	-94.8878	46.80723	29F5				07010106	
833	663	Hubbard	Shingobee Lake		29-0043-00			29004300	Lake	180		MCBS 2011, MPCA 2013	PWRW	371618.3	5206967	-94.6888	47.00377	29004300				07010102	
834	664	Hubbard	Sixth Crow Wing Lake		29-0093-00			29009300	Lake	358		2007, MDNR 2008, MCBS	PWRW	358095.4	5198900	-94.86407	45.92846	29009300				07010106	
1620	427	Hubbard	Spider		29-0117-00			29011700	Lake	593		5 2011 MDNR 2008	II	359704.6	5205884	-94.85168	46.99515	29011700				07010106	
1621	428	Hubbard	Spring		29-0054-00			29005400	Lake	43		MDNR 2008, Survey	PWRW	373412.1	5231469	-94.67211	47.22425	29005400	Wholly	e	ψ	07010102	
835	665	Hubbard	Spring Lake		29-0054-00			29005400	Lake	43		2007, MDNR 2008, 2010	PWRW	373412.2	5231466	-94.6721	47.22448	29005400	Wholly	e	ψ	07010102	
1622	429	Hubbard	Sunday		29-0144-00			29014400	Lake	62		MDNR 2008	II	354621.6	5195169	-94.90849	46.89414	29014400				07010106	
1623	430	Hubbard	Tamarack		29-0094-00			29009400	Lake	36		MDNR 2008, Survey	PWRW	363328.1	5196666	-94.7947	46.90946	29009400				07010106	
836	666	Hubbard	Tenth Crow Wing Lake		29-0045-00			29004500	Lake	185		MDNR 2008, 9 MDNR APM	PWRW	366675.4	5205590	-94.75339	46.99804	29004500				07010106	
837	667	Hubbard	Third Crow Wing Lake		29-0077-00			29007700	Lake	636		MDNR 2008, MDNR APM, 40 2010	PWRW	358450.3	5191478	-94.85711	46.86177	29007700				07010106	
1624	431	Hubbard	Tripp		29-0005-00			29000500	Lake	155		1 MDNR 2008	II	365413.6	5190290	-94.76544	46.85253	29000500				07010106	
1625	432	Hubbard	Twenty		29-0231-00			29023100	Lake	86		MPCA 2013	II	347632.7	5237666	-95.01454	47.27476	29023100				07010101	
1626	433	Hubbard	Twin		29-0293-00			29029300	Lake	7		MDNR 2008	II	336124.8	5227174	-95.16274	47.17764	29029300				07010101	
1628	435	Hubbard	Unnamed		29-0263-00			29026300	Lake	20		MDNR 2008	II	338640.9	5210943	-95.12975	47.03231	29026300				07010106	
1628	435	Hubbard	Unnamed		29-0115-00			29011500	Lake	16		MDNR 2008	II	356587.1	5207703	-94.88666	47.0073	29011500				07010106	
1629	436	Hubbard	Unnamed		29-0118-00			29011800	Lake	21		MDNR 2008	II	356523.5	5207128	-94.88731	47.00212	29011800				07010106	

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OBJECTID	FILE_NUM	COUNTYNAME	NAME	AUT_NAME	MPCA_WID	T_SITE	ETG	DCOMLKNUM	MVB_Type	ACRES	NR2008ES	REFERENCE	SOURCE	STATUS	LISTM_X	WHUTM_Y	WHON_DD	WLAT_DD	WLAT_DD_W	XIDNUM	RBA_NUM	INTJAL_W	HUC3
1630	437	Hubbard	Unnamed		29-0179-00			29017900	Lake	16		MDNR 2008	II		352493.3	5212290	-94.94198	47.04766	29017900				07010106
1631	438	Hubbard	Unnamed		29-0057-00			29005700	Lake	54		MPCA 2013	II		368341.6	5228277	-94.73811	47.1948	29005700				07010106
1632	439	Hubbard	Unnamed		29-0114-00			29011400	Lake	24		MDNR 2008	II		357509.5	5207998	-94.87462	47.01015	29011400				07010106
1634	441	Hubbard	Unnamed		29-0158-00			29015800	Lake	60		MDNR 2008	II		353982.5	5191504	-94.9157	46.86104	29015800				07010106
1636	443	Hubbard	Unnamed		29-0084-00			29008400	Lake	87		MDNR 2008	II		356349.6	5190703	-94.88441	46.85435	29008400				07010106
1637	444	Hubbard	Unnamed		29-0608-00			29060800	Lake	9		MPCA 2013	II		365307.4	5189582	-94.76663	46.84614	29060800				07010106
1633	440	Hubbard	Unnamed		29-0019-00			29001900	Lake	15		MDNR 2008	II		364206.9	5197969	-94.78355	46.92136	29001900				07010106
1627	434	Hubbard	Unnamed		29-0021-00			29002100	Lake	16		MDNR 2008	II		368893.9	5197451	-94.7875	46.91645	29002100				07010106
1633	445	Hubbard	Unnamed (Boubora)		29-0082-00			29008200	Lake	48	1	MDNR 2008	II		362824.6	5190932	-94.79958	46.85778	29008200				07010106
838	668	Hubbard	Unnamed (Hay Creek) Lake		29-0554-00			29055400	Lake	38	20	MDNR 2008	PWRW		336982.4	5210850	-95.14553	47.03106	29055400				07010106
1639	446	Hubbard	Unnamed (Thirteen)		29-0079-00			29007900	Lake	38		MDNR 2008	II		356298.9	5194517	-94.88627	46.88865	29007900				07010106
1640	447	Hubbard	Unnamed (Waboose #1)		29-0099-00			29009900	Lake	26		MDNR 2008	II		360192.1	5212798	-94.84083	47.0539	29009900				07010106
819	649	Hubbard	Unnamed Creek	Mud Creek	07010106-722	29F3			Stream			MDNR 2008, Survey	PWRW		340212.8	5216303	-95.10497	47.08089	29F3				07010106
1641	448	Hubbard	Upper Bass		29-0034-00			29003400	Lake	30		MDNR 2008	II		373030.9	5211858	-94.5716	47.04804	29003400				07010106
839	669	Hubbard	Upper Bottle Lake		29-0148-00			29014800	Lake	505	30	MDNR 2008	PWRW		353574.4	5211703	-94.92756	47.04262	29014800				07010106
840	670	Hubbard	Upper Mud Lake		29-0284-00			29028400	Lake	50	50	MDNR 2008	PWRW		341046.4	5215576	-95.09374	47.07455	29028400				07010106
1642	449	Hubbard	Upper Twin		29-0157-00			29015700	Lake	212	1	MDNR 2008, Survey	PWRW		345319.1	5185860	-95.02738	46.80833	29015700				07010106
1643	450	Hubbard	Waboose		29-0098-00			29009800	Lake	158		MPCA 2013	II		361259	5213050	-94.83687	47.05639	29009800				07010106
1644	451	Isanti	Athens WMA		30-0026-00			30002600	Lake	101		MPCA 2013	II		481269.7	5033965	-93.23957	45.45896	30002600				07010207
1645	452	Isanti	Elizabeth		30-0083-00			30008300	Lake	323		MDNR 2008	II		476290.5	5044684	-93.30377	45.55529	30008300				07010207
841	671	Isanti	German Lake		30-0100-00			30010000	Lake	340		MDNR 2008, MCBS 2017	PWRW		469736.4	5036192	-93.38722	45.4786	30010000				07010207
1647	454	Isanti	Grass		30-0142-00			30014200	Lake	33		MDNR 2008	II		465196.8	5057808	-93.44684	45.67295	30014200				07010207
1646	453	Isanti	Grass		30-0017-00			30001700	Lake	51		MDNR 2008	II		497951.1	5041540	-93.03624	45.52739	30001700				07030005
1648	455	Isanti	Krans		30-0020-00			30002000	Lake	47		MPCA 2013	II		488758.5	5053142	-93.14422	45.63173	30002000				07010207
1649	456	Isanti	Krone		30-0140-00			30014000	Lake	142		MDNR 2008	II		465756.3	5062454	-93.43999	45.71479	30014000				07010207
1650	457	Isanti	Linderman		30-0023-00			30002300	Lake	70		MPCA 2013	II		488811.7	5058203	-93.14366	45.67729	30002300				07010207
2306		Isanti	Lindgren		30-0144-00			30014400	Lake	75		MDNR 2008	II		468109.4	5064238	-93.40987	45.73056					07010207
1651	458	Isanti	Little Stanchfield		30-0044-00			30004400	Lake	155		MDNR 2008	II		481799.2	5053624	-93.23353	45.63592	30004400				07010207
19		Isanti	Long	Long Lake North and South basins	30-0056-00			30005600	Lake	133		MCBS 2017	PWRW		484079	5054481	-93.2043	45.6437	30005600				07010207

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OBJECTID	FILE_NUM	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	ENH	DOWLKNUM	W_B_Type	ACRES	NR2008EST	REFERENCE	SOURSTATUS	LISITM_X	WBLTUM_Y	WBDN_DD	W_LAT_DD	W	XIDNUM	RIBAL	INT	al	W	HUCB
1652	459	Isanti	Marget		30-0070-00			30007000	Lake	188		MPCA 2013	II	475101.3	5035051	-93.31852	45.46854	30007000						07010207
1653	460	Isanti	Matson		30-0141-00			30014100	Lake	89		MPCA 2013	II	467488.3	5061207	-93.41765	45.70365	30014100						07010207
1654	461	Isanti	Mimi's Pool		30-0267-00	W0098		30026700	Lake	5		MPCA 2013	II	464412.3	5063239	-93.45731	45.71279	1	W009800					07030004
2083	463	Isanti	Mud		30-0065-00	001		30006500	Lake	300		MDNR 2008	II	479713.2	5056549	-93.26041	45.66219	30006500						07010207
1655	462	Isanti	Mud		30-0117-00			30011700	Lake	99		MDNR 2008	II	464213.7	5036954	-93.45793	45.4852	30011700						07010207
2084	464	Isanti	Mud		30-0106-00			30010600	Lake	81		MDNR 2008	II	463316.8	5035773	-93.46932	45.47452	30010600						07010207
2085	465	Isanti	North Stanchfield		30-0143-00			30014300	Lake	153		MDNR 2008	II	464501	5055856	-93.45563	45.65534	30014300						07010207
2086	466	Isanti	Olson																					
2086	466	Isanti	Impoundment		30-0094-00			30009400	Lake	24		MPCA 2013	II	476917.4	5045079	-93.29581	45.56787	30009400						07010207
2087	467	Isanti	Rice		30-0018-00			30001800	Lake	42		MDNR 2008	II	496362.5	5041526	-93.04658	45.52726	30001800						07030005
842	472	Isanti	Rice Creek		07030005-707	30rivr			Stream			2007	II	495853.5	5038813	-93.05308	45.50284	30rivr						07030005
2088	468	Isanti	Section		30-0060-00			30006000	Lake	130		MDNR 2008	II	488059.7	5058575	-93.15332	45.68062	30006000						07010207
1184	469	Isanti	South Stanchfield		30-0138-00			30013800	Lake	433		MDNR 2008	II	463351.5	5054197	-93.47026	45.64035	30013800						07010207
843	673	Isanti	Stanchfield Creek		07010207-518	13UJW047			Stream			MPCA_BioMon	PWRW	476532.1	5051644	-93.30101	45.61795	13UJW047						07010207
1186	471	Isanti	Twin		30-0004-00			30000400	Lake	59		MPCA 2013	II	493286.3	5032540	-93.06028	45.44637	30000400						07030005
1185	470	Isanti	Twin		30-0046-00			30004600	Lake	31		MPCA 2013	II	487769.8	5051447	-93.15687	45.61646	30004600						07010207
1187	472	Isanti	Typo		30-0009-00			30000900	Lake	273		MDNR 2008	II	493231.5	5028966	-93.0865	45.41418	30000900						07030005
206	474	Isanti	Unnamed		30-0116-00			30011600	Lake	36		MPCA 2013	II	463536.4	5037921	-93.46667	45.49387	30011600						07010207
205	473	Isanti	Unnamed		30-0063-00			30006300	Lake	55		MPCA 2013	II	479372.5	5032236	-93.26376	45.44334	30006300						07010207
844	674	Isanti	Upper Rice Lake		30-0057-00			30005700	Lake	208		MDNR 2008, 208	PWRW	481916.4	5062232	-93.23234	45.71341	30005700						07030004
845	675	Itasca	Ann Lake		31-0305-00			31030500	Lake	94		MDNR 2008, 5	PWRW	468119.4	5277069	-93.42449	47.64624	31030500						07010103
175	676	Itasca	Aspen Lake		31-0690-00			31069000	Lake	86		2007, MDNR 2008, 5	PWRW	450320.4	5284745	-93.66234	47.71417	31069000						09030006
176	677	Itasca	Bass Lake		31-0576-00			31057600	Lake	2844		2007, MDNR 2008, UofM/MPCA	PWRW	449030.4	5243084	-93.67471	47.33924	31057600						07010101
207	475	Itasca	Batson		31-0704-00			31070400	Lake	107		MPCA 2013, 427	II	453847	5276937	-93.6145	47.64418	31070400						09030006
208	476	Itasca	Bear		31-0157-00			31015700	Lake	328		MPCA 2013	II	479873.3	5279602	-93.2681	47.6695	31015700						09030005
209	477	Itasca	Bello		31-0726-00			31072600	Lake	492		MPCA 2013	II	445885.4	5279935	-93.72086	47.67054	31072600						09030006
210	478	Itasca	Big Caif		31-0884-00			31088400	Lake	24		MPCA 2013	II	413989.5	5298050	-94.14926	47.83004	31088400						09030006
177	678	Itasca	Big Fork River		09030006-505	31r3			Stream			2007, MDNR 2008, 2010	PWRW	424785.4	5289510	-94.00355	47.75457	31r3						09030006
178	679	Itasca	Big Sucker Lake		31-0124-00			31012400	Lake			UofM/MPCA 2013, MCBS 2017	II	480151.4	5247970	-93.26297	47.38488	31012400						07010103
179	680	Itasca	Birdseye Lake		31-0834-00			31083400	Lake	73		11 MDNR 2008	PWRW	426093.4	5273206	-93.98334	47.60804	31083400						09030006

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Alphabetical by County Name

BIJECTID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	II_SITE	Eqg	DOWNLUM	MB_Type	ACRES	NRZ008ES	REFERENCE	SOURCE	STATUS	LISTUM_X	WHUTM_X	WHUTM_Y	WHUTM_Z	W_LAT_DD_W	W_LAT_DD_W	XIDNUM	IBAL	INT	la	W	HUC3
180	681	Itasca	Blackberry Lake		31-0210-00			31021000	Lake	240		2007, MDNR 50 2008, 2010	PWRW		469776.4	5228333	-93.3991	47.20779	31021000						07010103	
181	682	Itasca	Blackwater Lake		31-0561-00			31056100	Lake	674		2007, MDNR 300 2008, 2010	PWRW		449242.4	5233550	-93.67082	47.25346	31056100						07010101	
182	683	Itasca	Blue Rock Lake		31-0919-00			31091900	Lake			MDNR APM	PWRW		411771.4	5291643	-94.17759	47.77211	31091900						09030006	
183	684	Itasca	Bluebill Lake		31-0265-00			31026500	Lake	144		14 MDNR 2008	PWRW		469436.4	5273114	-93.40668	47.61071	31026500						07010103	
211	479	Itasca	Blewater		31-0395-00			31039500	Lake	356		MPCA 2013	II		458319.1	5255261	-93.55261	47.42139	31039500						07010103	
184	685	Itasca	Bosley Lake		31-0403-00			31040300	Lake	41		10 MDNR 2008	PWRW		457224.4	5249192	-93.56684	47.39478	31040300						07010103	
185	686	Itasca	Bowstring Lake		31-0813-00			31081300	Lake	8900		2007, MDNR 1335 2008, 2010	PWRW		431775.4	5264968	-93.90647	47.59455	31081300	Wholly	e	Y			09030006	
186	1	687	Itasca	Bowstring River		09030006- 555	S007- 219-31 r4		Stream			UofM/MPCA 2013, 2010	PWRW		420415.6	5283767	-94.0608	47.70238	S007-219						09030006	
212	480	Itasca	Buck		31-0340-00			31034000	Lake	18		MPCA 2013	II		470326	5295471	-93.39636	47.81191	31034000						09030006	
187	688	Itasca	Buckman Lake		31-0272-00			31027200	Lake	222		33 MDNR 2008	PWRW		469249.4	5268679	-93.40885	47.5708	31027200						07010103	
213	481	Itasca	Burrows		31-0413-00			31041300	Lake	322		MPCA 2013	II		463286	5263916	-93.48774	47.52763	31041300						07010103	
188	689	Itasca	Cameron Lake		31-0544-00			31054400	Lake	77		5 MPCA 2013	PWRW		456974.4	5278097	-93.57298	47.65484	31054400						09030006	
189	690	Itasca	Canoe Lake (Unnamed)		31-0519-00			31051900	Lake	52		5 MPCA 2013	PWRW		458310.4	5276141	-93.555	47.63732	31051900						09030006	
190	691	Itasca	Clearwater Lake		31-0402-00			31040200	Lake	67		10 MDNR 2008	PWRW		464301.4	5248984	-93.47304	47.39333	31040200						07010103	
2307		Itasca	Clubhouse		31-0540-00			31054000	Lake	265		MDNR 2008	II		457073.9	5272459	-93.5711	47.60412							09030006	
191	692	Itasca	Coddington Lake		31-0883-00			31088300	Lake	70		18 MDNR 2008	PWRW		418917.4	5290937	-94.08199	47.7613	31088300						09030006	
1656	482	Itasca	Coleman		31-0943-00			31094300	Lake	57		MPCA 2013	II		393684.4	5277608	-94.41551	47.64313	31094300						07010101	
2308		Itasca	Copenhagen		31-0539-00			31053900	Lake	53		MDNR 2008	II		456823.7	5274026	-93.57458	47.6182							09030006	
1657	483	Itasca	Cottonwood		31-0594-00			31059400	Lake	109		MPCA 2013	II		447411.5	5253350	-93.69736	47.45148	31059400						07010101	
192	693	Itasca	Crescent Lake		31-0294-00			31029400	Lake	42		2 MDNR 2008	PWRW		468651.4	5279409	-93.41757	47.66732	31029400						07010103	
1658	484	Itasca	Crooked		31-0193-00			31019300	Lake	413		MPCA 2013, MCEB 2017	PWRW		474638.9	5256239	-93.33648	47.4591	31019300						07010103	
193	694	Itasca	Crooked Lake		31-0203-00			31020300	Lake	80		2007, MDNR 12 2008	PWRW		468683.4	5220990	-93.43702	47.14158	31020300						07010103	
194	695	Itasca	Cut Foot Sioux Lake		31-0857-00			31085700	Lake	3222		2007, MDNR 322 2008, 2010	PWRW		418410.4	5260927	-94.08327	47.49666	31085700	Wholly	e	Y			07010101	
195	696	Itasca	Damon Lake		31-0944-00			31094400	Lake	53		20 2008	PWRW		393754.3	5273234	-94.41351	47.5038	31094400						07010101	
1659	485	Itasca	Day		31-0637-00			31063700	Lake	46		MPCA 2013	II		451410.1	5259015	-93.64496	47.48276	31063700						07010103	
1660	486	Itasca	Dead Horse		31-0622-00			31062200	Lake	96		MPCA 2013	II		449191	5264629	-93.67506	47.5331	31062200						09030006	
196	697	Itasca	Decker Lake		31-0934-00			31093400	Lake	292		MDNR 2008, 2010	PWRW		394934.4	5278070	-94.39898	47.6475	31093400						07010101	
565	698	Itasca	Deer Lake		31-0334-00			31033400	Lake	1854		2007, MDNR 2008	PWRW		471344.4	5298135	-93.38293	47.83592	31033400						09030006	
566	699	Itasca	Dishpan Lake		31-0992-00			31099200	Lake	15		15 MDNR 2008	PWRW		418185.4	5291002	-94.09188	47.76719	31099200						09030006	

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OBJECTID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	EDID	DOWLKNUM	WE_Type	ACRES	NR2008	REFERENCE	SOURTSTATUS	USUTM_X	USUTM_Y	WIDON_DD	W_LAT_DD	W_LAT_DD_W	XIDNUM	RIBAL	INTL	INTL_W	HUC8
587	700	Itasca	Dixon Lake		31-0921-00			31092100	Lake	666	67	2007, MDNR 2008, 2010	PWRW	403581.4	527252.3	-94.28265	47.59894	31092100	Partial	Lee ch Lak e		07010101	
588	701	Itasca	Dora Lake		31-0882-00			31088200	Lake	477	89	2007, MDNR 2008, 2010	PWRW	421524.4	528722.4	-94.04664	47.73362	31088200	Wholly	Lee ch Lak e		09030006	
1661	487	Itasca	Dry Creek		31-0869-00			31086900	Lake	98		MPCA 2013	II	417620.4	526466.9	-94.09446	47.53022	31086900	Wholly	Lee ch Lak e	Y	07010101	
1662	488	Itasca	Dunbar		31-0904-00			31090400	Lake	273		MPCA 2013	II	406874.5	527735.7	-94.23988	47.64291	31090400	Wholly	Lee ch Lak e	Y	09030006	
1663	489	Itasca	East		31-0798-00			31079800	Lake	92		MPCA 2013	II	435965.7	528061.8	-93.85309	47.67578	31079800		Lee ch Lak e		09030006	
589	702	Itasca	Egg Lake		31-0817-00			31081700	Lake	118	11	MDNR 2008	PWRW	427468.4	525934.3	-93.96277	47.48348	31081700	Wholly	Lee ch Lak e	Y	07010101	
590	703	Itasca	Farley Lake		31-0902-00			31090200	Lake	33	5	MDNR 2008	PWRW	409137.4	526833.3	-94.20789	47.56206	31090200	Wholly	Lee ch Lak e	Y	07010101	
1664	490	Itasca	Fawn		31-0609-00			31060900	Lake	174		MPCA 2013	II	448236.8	525156.0	-93.6862	47.41544	31060900		Lee ch Lak e		07010101	
591	704	Itasca	First River Lake		31-0818-00			31081800	Lake	228	160	2007, MDNR 2008, 2010	PWRW	424760.4	525882.2	-93.99862	47.47849	31081800	Wholly	Lee ch Lak e	Y	07010101	
592	705	Itasca	Fiske Lake		31-0918-00			31091800	Lake			MDNR APM	PWRW	412403.4	529212.2	-94.16925	47.7765	31091800		Lee ch Lak e		09030006	
1665	491	Itasca	Forest		31-0663-00			31066300	Lake	29		MPCA 2013	II	450078.4	527109.9	-93.66401	47.59138	31066300		Lee ch Lak e		09030006	
1666	492	Itasca	Grass		31-0144-00			31014400	Lake	40		MDNR 2008	II	477514.3	525747.9	-93.29839	47.47036	31014400		Bois Fort		07010103	
1667	493	Itasca	Grass		31-0527-00			31052700	Lake	19		MDNR 2008	II	458683.4	530219.3	-93.55251	47.87174	31052700	Wholly	Bois Fort		09030006	
593	706	Itasca	Grass Lake		31-0727-00			31072700	Lake	117		MDNR 2008, Survey	PWRW	447062.4	527631.0	-93.70475	47.63803	31072700		Bois Fort		09030006	
1668	494	Itasca	Grave		31-0624-00			31062400	Lake	538		MPCA 2013	II	448858.1	526088.1	-93.67905	47.49936	31062400		Bois Fort		09030006	
594	707	Itasca	Gunny Sack Lake		31-0267-00			31026700	Lake	81	8	MDNR 2008	PWRW	470496.4	527262.0	-93.39254	47.60632	31026700		Bois Fort		07010103	
595	708	Itasca	Hamrey Lake		31-0911-00			31091100	Lake	61	15	MDNR 2008	PWRW	406335.4	528596.2	-94.24891	47.72024	31091100		Bois Fort		09030006	
1669	495	Itasca	Hartley		31-0154-00			31015400	Lake	271		MPCA 2013, MCBS 2017	II	476426.8	526171.2	-93.31334	47.55754	31015400		Bois Fort		07010103	
596	709	Itasca	Hay Lake		31-0037-00			31003700	Lake	21		UefM/MPCA 2013	PWRW	492443.4	523702.6	-93.09993	47.28667	31003700		Bois Fort		07010103	
597	710	Itasca	Helen Lake		31-0840-00			31084000	Lake	109	76	2010	PWRW	426055.4	528393.8	-93.98569	47.70459	31084000		Bois Fort		09030006	
598	711	Itasca	Herrigan Lake		31-0174-00			31017400	Lake	27	3	MDNR 2008	PWRW	479821.4	530261.1	-95.26986	47.87653	31017400		Bois Fort		09030006	
599_1	712	Itasca	Hinken Creek		09030006-5007-207				Stream			UefM/MPCA 2013	PWRW	425590.6	528644.5	-93.99229	47.72709	S007-207		Bois Fort		09030006	

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OBJECTID	APN	Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	DownLkNum	Wb_Type	ACRES	NR2008S	REFERENCE	SOURCE	STATUS	LIST	UTM_X	UTM_Y	WIDN_DD_W	AT_DD_W	XIDNUM	IBAL	INT	AL	W	HUC3
600	713	Itasca	Hunters Lake		31-0450-00			31045000	Lake	162	16	MDNR 2008		PWRW		465260.4	5265846	-93.46166	47.54511	31045000				07010103	
1670	496	Itasca	Irene		31-0878-00			31087800	Lake	10	1	MDNR 2008		II		419201.3	5284480	-94.07711	47.70864	31087800				09030006	
1671	497	Itasca	Irma		31-0634-00			31063400	Lake	337		MDNR 2008		II		453450.1	5259382	-93.61792	47.48621	31063400				07010103	
601	714	Itasca	Island Lake		31-0754-00			31075400	Lake	291	10	MDNR 2008		PWRW		445428.4	5253509	-93.72367	47.43275	31075400				07010101	
1672	498	Itasca	Jay Gould		31-0565-00			31056500	Lake	455		MPCA 2013		II		452692	5232167	-93.62509	47.24128	31056500				07010101	
1673	499	Itasca	Jessie		31-0786-00			31078600	Lake	1782		MPCA 2013		II		438313.4	5270501	-93.82039	47.58499	31078600				09030006	
602	715	Itasca	Kelly Lake		31-0291-00			31029100	Lake	31	19	MDNR 2008		PWRW		471852.4	5281984	-93.3751	47.69063	31029100				09030005	
1674	500	Itasca	Kenogama		31-0928-00			31092800	Lake	580		MPCA 2013		II		397043.7	5260944	-94.36689	47.49378	31092800	Wholly	e	Y	07010101	
1675	501	Itasca	Lammon Aid		31-0096-00			31009600	Lake	64		MPCA 2013		II		481158.2	5233047	-93.249	47.25064	31009600				07010103	
1676	502	Itasca	Larson		31-0317-00			31031700	Lake	190		MPCA 2013		II		469095.2	5290435	-93.41244	47.76654	31031700				09030006	
1677	503	Itasca	Lauchoh		31-0692-00			31069200	Lake	50		MPCA 2013		II		450733.9	5282439	-93.65656	47.69346	31069200				09030006	
603	716	Itasca	Lawrence Lake		31-0231-00			31023100	Lake	382	19	MDNR AFM		PWRW		471592.4	5253968	-93.37675	47.43854	31023100				07010103	
604	718	Itasca	Lillian Lake		31-0750-00			31075000	Lake	90	14	MDNR 2008		PWRW		445303.4	5243535	-93.7241	47.34299	31075000				07010101	
605	719	Itasca	Little Ball Club Lake		31-0822-00			31082200	Lake	181	10	MDNR 2008		PWRW		425053.4	5252516	-93.99366	47.42179	31082200	Wholly	e	Y	07010101	
1678	504	Itasca	Little Bowstring		31-0758-00			31075800	Lake	314		MPCA 2013		II		445384.6	5260271	-93.72509	47.49358	31075800				09030006	
1679	505	Itasca	Little Cowhorn		31-0198-00			31019800	Lake	157		MPCA 2013		II		467951.3	5216494	-93.42235	47.10117	31019800				07010103	
606	720	Itasca	Little Cut Foot Sioux Lake		31-0852-00			31085200	Lake	1357		MDNR 2008, 136 2010		PWRW		421929.4	5262249	-94.05679	47.50898	31085200	Wholly	e	Y	07010101	
1680	506	Itasca	Little Dixon		31-0936-00			31093600	Lake	31		MPCA 2013		II		402408.8	5276167	-94.29906	47.63155	31093600				07010101	
607	721	Itasca	Little Drum Lake		31-0741-00			31074100	Lake	89	22	MDNR 2008		PWRW		445853.4	5233577	-93.71561	47.25344	31074100				07010101	
608	722	Itasca	Little Island Lake		31-0179-00			31017900	Lake	26	3	MDNR 2008		PWRW		475268.4	5300682	-93.33064	47.85901	31017900				09030006	
609	723	Itasca	Little Moose Lake		31-0610-00			31061000	Lake	234	12	MDNR 2008		PWRW		450297.4	5250583	-93.65878	47.4068	31061000				07010101	
610	724	Itasca	Little Rice Lake		31-0716-00			31071600	Lake	157		MDNR 2008, Survey		PWRW		446674.4	5231644	-93.70453	47.23611	31071600				07010101	
1681	507	Itasca	Little Sand		31-0853-00			31085300	Lake	222		MPCA 2013		II		422800.5	5277648	-94.02793	47.64762	31085300	Wholly	e	Y	09030006	
20		Itasca	Little Split Hand		31-0341-00			31034100	Lake	244		MCBS 2017		II		465806.3	5112965	-93.45035	47.06931	31034100				07010103	
611	725	Itasca	Little Spring Lake		31-0797-00			31079700	Lake	121	3	MDNR 2008		PWRW		435718.4	5274756	-93.85552	47.62301	31079700				09030006	
1682	508	Itasca	Little Trout		31-0394-00			31039400	Lake	78		MPCA 2013		II		458945.5	5253950	-93.54447	47.4377	31039400				07010103	

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PROJECT_ID	FILE_NUM	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	EDG	DOWNUM	WMB_Type	ACRES	NR2008ES	REFERENCE_SOUR	TSTATUS	LISTJM_X	WUTM_Y	WIDON_DD	W_AT_DD	XIDNUM	NBAL	INT	AL	W	HUCB	
855	725	Itasca	Little White Oak Lake		31-0740-00			31074000	Lake	493		PWRW	MDNR 2008	442442.4	5235122	-93.76088	47.26705	31074000	Wholly	Lee ch Lak		Y	07010101	
1683	509	Itasca	Logging Slough	Logging Slough	31-0708-00			31070800	Lake	7		II	MDNR 2008	451704.1	5276668	-93.643	47.64161	31070800						09030006
1684	510	Itasca	Long		31-0570-00			31057000	Lake	117		II	MPCA 2013	450517.5	5230304	-93.65361	47.22436	31057000						07010101
1685	511	Itasca	Long		31-0266-01	310266			Lake	238		II	MPCA 2013	469615.9	5271667	-93.40419	47.59771	31026600						07010103
1686	512	Itasca	Lost		31-0289-00			31028900	Lake	89		II	MDNR 2008	469683.9	5281951	-93.40399	47.69023	31028900						09030005
856	727	Itasca	Lost Lake		31-0900-00			31090000	Lake	26		5	MDNR 2008	411358.4	5268972	-94.1785	47.5681	31090000	Wholly	Lee ch Lak		Y	07010101	
857	728	Itasca	Lower Pigeon Lake		31-0893-00			31089300	Lake	53			MDNR 2008, MDNR APM	412631.4	5268529	-94.16149	47.5643	31089300	Wholly	Lee ch Lak		Y	07010101	
858	729	Itasca	Marble Lake		31-0271-00			31027100	Lake	155			MDNR 2008	468221.4	5269385	-93.42257	47.5771	31027100						07010103
860	731	Itasca	Marie Lake		31-0937-00			31093700	Lake	45			MDNR 2008	993997.4	5274801	-94.41066	47.61793	31093700						07010101
859	730	Itasca	Marie Lake		31-0507-00			31050700	Lake	51			2007	457458.2	5281982	-93.56691	47.68982	31050700						09030006
861	732	Itasca	Middle Pigeon Lake		31-0892-00			31089200	Lake	182			MDNR 2008	412160.4	5270462	-94.16814	47.58162	31089200	Wholly	Lee ch Lak		Y	07010101	
862	733	Itasca	Mississippi River above Clay		07010101-756	3116			Stream				2007, MDNR 2008, 2010, UofM/MPCA 2013, MDNR APM	454533.9	5233658	-93.6009	47.25483	3116	Partially	Lee ch Lak			07010101	
863	734	Itasca	Mississippi River below Clay		07010101-756	S007-163			Stream				UofM/MPCA 2013, MDNR APM	445554.2	5231905	-93.71936	47.23837	S007-163	Partially	Lee ch Lak			07010101	
864	735	Itasca	Mississippi River below Clay		07010101-756	S006-923			Stream				UofM/MPCA 2013, MDNR APM	452041.9	5233690	-93.63384	47.25494	S006-923	Partially	Lee ch Lak			07010101	
1687	513	Itasca	Moose (Rice)		31-0121-00			31012100	Lake	108		II	MDNR 2008	477961.2	5250681	-93.29213	47.40921	31012100						07010103
865	736	Itasca	Moose Lake		31-0242-00			31024200	Lake	70			MDNR 2008	474438.4	5263862	-93.39958	47.52768	31024200						07010103
866	737	Itasca	Morph Lake		31-0929-00			31092900	Lake	67		3	MDNR APM	396381.4	5267978	-94.37733	47.55695	31092900						07010101
867	738	Itasca	Mosomo Lake		31-0861-00			31086100	Lake	47		5	MDNR 2008	414476.4	5267840	-94.13684	47.55834	31086100	Wholly	Lee ch Lak		Y	07010101	
868	739	Itasca	Mud Lake		31-0206-00			31020600	Lake	271			MDNR 2008, 203 2010	468929.4	5230397	-93.41042	47.22632	31020600						07010103
869	740	Itasca	Munzer Lake		31-0360-00			31036000	Lake	108		3	MDNR 2008	459176.4	5221152	-93.53841	47.14261	31036000						07010101
870	741	Itasca	Nagel Lake		31-0377-00			31037700	Lake	90			MDNR 2008, 50 2010	457043.4	5236679	-93.56803	47.28218	31037700						07010103

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PROJECT_ID	FILE_NUM	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	II_SITE	ENG	COMPLANUM	MB_Type	ACRES	NR2008REFERENCE	SOURCESTATUS	USUTM_X	USUTM_Y	WBDN_DB	W_LAT_DB	W_LAT_DB_WI	XIDNUM	IBA_FILE	INTJAL_W	HUC3
871	742	Itasca	Natures Lake		31-0877-00			31087700	Lake	2885	2499	2007, MDNR 2008, 2010	PWRW	416201.3	5277515	-94.11576	47.64561	31087700	Partia	Lee ch Lak e	09030006
1888	514	Itasca	North Twin		31-0190-00			31019000	Lake	250		MPCA 2013	II	475946.7	5239407	-93.31822	47.30769	31019000			07010103
1689	515	Itasca	No-ta-she-bun (Willow)	Leighton Lake	31-0775-00			31077500	Lake	232		MPCA 2013	II	441383.2	5222613	-93.77325	47.15441	31077500			07010103
846	717	Itasca	O'Brien Lake		31-0032-00			31003200	Lake	242	12	MDNR 2008	PWRW	489641.4	5244274	-93.13716	47.35185	31003200			07010103
872	743	Itasca	O'Donnell Lake		31-0303-00			31030300	Lake	47	10	MDNR 2008	PWRW	470341.4	5277455	-93.39493	47.64981	31030300			07010103
873	744	Itasca	Otter Lake		31-0301-00			31030100	Lake	117		2007, MDNR 2008	PWRW	473115.4	5278053	-93.35803	47.65532	31030100			09030005
874	745	Itasca	Ox Hide Lake		31-0106-00			31010600	Lake	114		UofM/MPCA 2013	PWRW	483984.4	5243186	-93.21202	47.34194	31010600			07010103
875	746	Itasca	Pigeon Dam Lake		31-0894-00			31089400	Lake	511	500	MDNR 2008, 2010	PWRW	413533.3	5263952	-94.1486	47.52324	31089400	Wholly e		07010101
876	1	747	Itasca	Pigeon River	07010101-600	31rivr_1			Stream			2007	PWRW	413743	5264829	-94.14599	47.53116	31rivr_1	Wholly e		07010101
877	748	Itasca	Pokegama Lake		31-0532-00			31053200	Lake	15600	100	MDNR 2008, MDNR APM, 2010	PWRW	456067.4	5225964	-93.57988	47.18571	31053200			07010101
878	1	749	Itasca	Popple River	09030006-512	S006-188			Stream			UofM/MPCA 2013	PWRW	418812.3	5286308	-94.08264	47.72504	5006-188			09030006
1690	516	Itasca	Pothole		31-0991-00			31099100	Lake	8		MDNR 2008	II	451079.7	5256798	-93.6491	47.45278	31099100			07010103
879	750	Itasca	Prairie Lake		31-0384-00			31038400	Lake	1167	45	MDNR 2008, 2010	PWRW	458911.4	5240472	-93.54368	47.31643	31038400			07010103
880	751	Itasca	Prairie Lake		31-0053-00			31005300	Lake	29	1	2007, MDNR 2008, 2010	PWRW	485534.4	5271204	-93.17911	47.59411	31005300			07010103
881	1	752	Itasca	Prairie River	07010103-508	S007-209			Stream			2007, MDNR 2013	PWRW	465043.4	5233274	-93.48841	47.25191	5007-209			07010103
882	753	Itasca	Rabbits Lake		31-0923-00			31092300	Lake	209	157	MDNR 2008, 2010	PWRW	401709.3	5259723	-94.30469	47.48352	31092300	Wholly e		07010101
883	754	Itasca	Raven Lake		31-0925-00			31092500	Lake	97	70	MDNR 2008, 2010	PWRW	399835.4	5258773	-94.32934	47.47469	31092500	Wholly e		07010101
1691	517	Itasca	Reed		31-0074-00			31007400	Lake	72		MPCA 2013	II	481306.3	5216031	-93.24634	47.09752	31007400			07010103
1692	518	Itasca	Rice		31-0942-00			31094200	Lake	99		MDNR 2008	II	395687.9	5264028	-94.41217	47.52098	31094200	Wholly e		07010101
1693	519	Itasca	Rice (Round)		31-0777-00			31077700	Lake	363		MDNR 2008	II	442091.5	5255314	-93.76815	47.4487	31077700			09030006
884	1	755	Itasca	Rice Creek	09030006-635	31r1			Stream			MDNR 2008	II	453681.5	5290985	-93.61819	47.77056	31r1			09030006

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PROJECT#	File_Num	COUNTYNAME	NAME	NLT_NAME	MPCA_WID	T_SITE_Eng	DOWNLKNUM	WB_Type	ACRES	MR2008ESURVEY	REFERENCE_SURVEY	SOURCESTATUS	JUSTM_X	WBUTM_Y	WIDEN_DD	WAT_DB_W	XIDNUM	RIBAL_J	INTI_W	HUCS
888	759	Itasca	Rice Lake		31-0717-00		31071700	Lake	959		MDNR 2008, Survey	PWRW	448288.4	5229176	-93.68292	47.21404	31071700			07010101
885	756	Itasca	Rice Lake		31-0201-00		31020100	Lake	115		6 MDNR 2008	PWRW	473478.4	5223903	-93.34995	47.16809	31020100			07010103
886	757	Itasca	Rice Lake		31-0315-00		31031500	Lake	37		15 MDNR 2008	PWRW	467253.4	5291796	-93.43712	47.77869	31031500			09030006
887	758	Itasca	Rice Lake		31-0876-00		31087600	Lake	911		2007, MDNR 729, 2008, 2010	PWRW	420926.4	5279937	-94.0533	47.66799	31087600	Partial Lake	Lee ch Lake	09030006
889	760	Itasca	Rice Lake		31-0707-00		31070700	Lake	24		MDNR 2008, Survey	PWRW	449986.4	5276533	-93.66585	47.64026	31070700			09030006
2089.1	762	Itasca	Rice River		09030006-539	S006-208		Stream			UofM/MPCA 2013	PWRW	450848.5	5280315	-93.6548	47.67436	S006-208			09030006
890.1	761	Itasca	Rice River		09030006-548	31r2		Stream			2007, MDNR 2008	II	451142.3	5288469	-93.6518	47.74774	31r2			09030006
2090	763	Itasca	Ruby Lake		31-0422-00		31042200	Lake	243		5 MDNR 2008	PWRW	458353.4	5263151	-93.55319	47.52045	31042200			09030006
2091	764	Itasca	Sand Lake		31-0826-00		31082600	Lake	3391		MDNR 2008, 50 2010	PWRW	424228.4	5273266	-94.00816	47.60837	31082600	Wholly	Lee ch Lake	09030006
1748	575	Itasca	Seretha		36-0009-00		36000900	Lake	58		MPCA 2013	II	418050.2	5317848	-94.09878	48.00867	36000900			09030006
2092	765	Itasca	Shallow Pond		31-0910-00		31091000	Lake	281		11 MDNR 2008	PWRW	405611.4	5289314	-94.25928	47.75028	31091000			09030006
1694	520	Itasca	Shoal		31-0534-00		31053400	Lake	661		MPCA 2013	II	456713.3	5238937	-93.57261	47.30248	31053400			07010103
2093	766	Itasca	Simpson Lake		31-0867-00		31086700	Lake	35		5 MDNR 2008	PWRW	414955.4	5266365	-94.13018	47.54514	31086700	Wholly	Lee ch Lake	07010101
2094	767	Itasca	Sioux Lake		31-0907-00		31090700	Lake	69		27 MDNR 2008	PWRW	405287.4	5271422	-94.25973	47.58929	31090700	Wholly	Lee ch Lake	07010101
2095	768	Itasca	Skimmerhorn Lake		31-0939-00		31093900	Lake	30		6 MDNR 2008	PWRW	393888.4	5281380	-94.41371	47.6771	31093900			07010101
1695	521	Itasca	Smith		31-0547-00		31054700	Lake	39		MPCA 2013	II	455662.3	5216995	-93.58434	47.10497	31054700			07010101
2096	769	Itasca	Soneman Lake		31-0276-00		31027600	Lake	40		16 MDNR 2008	PWRW	475402.4	5268236	-93.32702	47.56707	31027600			07010103
1696	522	Itasca	South Ackerman		31-0795-00		31079500	Lake	22		MPCA 2013	II	436309.4	5276744	-93.84795	47.64096	31079500			09030006
2097	770	Itasca	Spruce Lake		31-0347-00		31034700	Lake	58		MDNR 2008, 58 2010	PWRW	466615.4	5272566	-93.4442	47.60924	31034700			07010103
2098	771	Itasca	Stevens		31-0718-00		31071800	Lake	224		11 MDNR 2008	PWRW	446783.5	5242055	-93.70433	47.3298	31071800			07010101
2099	772	Itasca	Stone Axe Lake		31-0828-00		31082800	Lake	37		4 MDNR 2008	PWRW	424943.4	5278404	-93.99953	47.65467	31082800	Wholly	Lee ch Lake	09030006
1697	523	Itasca	Sugar		31-0926-00		31092600	Lake	1585		MPCA 2013	II	401236.9	5256196	-94.31017	47.45172	31092600	Wholly	Lee ch Lake	07010101

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OBJECTID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	J_SITE	FRG	DOWNLNUM	WB_Type	ACRES	NR2008	REFERENCE	SOURCE	TATUS	USUTM_X	USUTM_Y	WIDN_DD	W_LAT_DD	W_LAT_DD	WIDNUM	IBAL_ID	INTL_ID	HUC3
2100	773	Itasca	Swan Lake	Swan Lake southwes t bay	31-0067-03			31006703	Lake					PWRW	484229.1	523655.1	-93.20854	47.28224	31006703				07010103
2101	1	Itasca	Swan River		07010103-753	SwanR	6		Stream					PWRW	482435.6	5237289	-93.23229	47.28884	SwanR				07010103
2102	1	Itasca	Third River		07010101-526	31river_2			Stream					PWRW	404828.9	5265474	-94.26453	47.53572	31river_2				07010101
1698	524	Itasca	Third Sucker		31-0122-00			31012200	Lake	94				II	479104.6	5249882	-93.27693	47.40206	31012200				07010103
1699	525	Itasca	Trout		31-0216-00			31021600	Lake	1959				II	469380.3	5234410	-93.40472	47.25976	31021600				07010103
1700	526	Itasca	Trout		31-0410-00			31041000	Lake	1792				II	458990.5	5257871	-93.54424	47.47299	31041000				07010103
2103	776	Itasca	Tuttle Lake		31-0821-00			31082100	Lake	56				PWRW	424965.4	5253799	-93.99504	47.43332	31082100				07010101
1701	527	Itasca	Unnamed		31-0094-00			31009400	Lake	30				II	479558.9	5233806	-93.27017	47.25742	31009400				07010103
1702	528	Itasca	Unnamed		31-1223-00			31122300	Lake	65				II	398896	5256563	-94.3413	47.45466	31122300				07010101
1703	529	Itasca	Unnamed (Dishpan)		31-1210-00			31121000	Lake	106				II	417345.8	5291465	-94.10317	47.77125	31121000				09030006
1704	530	Itasca	Unnamed (Hecemovich Shamrock)		31-0729-00			31072900	Lake	14				II	469761.2	5246257	-93.40051	47.36907	31072900				07010103
1705	531	Itasca	Unnamed (Pinnett)		31-0337-00			31033700	Lake	18				II	469763.9	5259186	-93.40413	47.84531	31033700				09030006
1706	532	Itasca	Unnamed (Wildlife Marsh)		31-1209-00			31120900	Lake	70				II	415943.5	5292333	-94.12205	47.77887	31120900				09030006
2104	777	Itasca	Unnamed Lake		31-0066-00			31006600	Lake	23				PWRW	488536.4	5286465	-93.15289	47.75146	31006600				09030005
2110	783	Itasca	Unnamed Lake		31-0288-00			31028800	Lake	27				PWRW	470577.4	5282428	-93.39212	47.69457	31028800				09030005
2109	782	Itasca	Unnamed Lake		31-0961-00			31096100	Lake	10				PWRW	468691.4	5282290	-93.41724	47.69324	31096100				09030005

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OBJECTID	File Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	EDGE	DOWNLNUM	MWB_Typ	ACRES	NR2008EST	REFERENCE	SOURSTATUS	LISJTM_X	WEJTM_Y	WIDN_DD	WLAT_DD	WIDNUM	RIBAL	INTAL_W	HUC6
2108	781	Itasca	Unnamed Lake		31-0860-00			31086000	Lake	24		5 MDNR 2008	PWRW	413044.4	5267887	-94.15588	47.55857	31086000	Wholly e	Y	07010101
2107	780	Itasca	Unnamed Lake		31-0815-00			31081500	Lake	109		5 MDNR 2008	PWRW	425604.4	5250271	-93.98598	47.40165	31081500	Wholly e	Y	07010101
2106	779	Itasca	Unnamed Lake		31-0322-00			31032200	Lake	28		2 MDNR 2008	PWRW	472122.4	5285948	-93.37176	47.72631	31032200	Wholly e		09030005
2105	778	Itasca	Unnamed Lake		31-0204-00			31020400	Lake	28		3 MDNR 2008	PWRW	467317.4	5219767	-93.43094	47.1306	31020400			07010103
2111	784	Itasca	Upper Pigeon Lake		31-0908-00			31090800	Lake	86		10 MDNR 2008	PWRW	411650.4	5271563	-94.17514	47.59146	31090800	Wholly e	Y	07010101
1707	533	Itasca	Wabana		31-0392-00			31039200	Lake	2146		MPCA 2013	II	460578.2	5252194	-93.52266	47.422	31039200			07010103
1708	534	Itasca	Wagner		31-0912-00			31091200	Lake	63		MPCA 2013	II	409733.4	5290442	-94.20454	47.76102	31091200			09030006
2112	785	Itasca	Walters Lake		31-0298-00			31029800	Lake	120		18 MDNR 2008	PWRW	472229.4	5279272	-93.3699	47.66624	31029800			09030005
2113	786	Itasca	Wart Lake		31-0859-00			31085900	Lake	14		5 MDNR 2008	PWRW	413729.4	5269885	-94.14717	47.57664	31085900	Wholly e	Y	07010101
2114	787	Itasca	White Fish Lake		31-0142-00			31014200	Lake	31		2 MDNR 2008	PWRW	479948.4	5258949	-93.26616	47.48367	31014200			07010103
2115	788	Itasca	White Oak Lake		31-0776-00			31077600	Lake	905		2007, MDNR 2008, 2010	PWRW	439749.4	5240241	-93.79717	47.31287	31077600	Partial e		07010101
2116	789	Itasca	Whitefish Lake		31-0843-00			31084300	Lake	493		10 MDNR 2008	PWRW	427562.4	5281638	-93.9652	47.58407	31084300	Partial e		09030006
2117	790	Itasca	Wilderness Lake		31-0901-00			31090100	Lake	26		4 MDNR 2008	PWRW	407412.4	5269682	-94.2311	47.57394	31090100	Wholly e	Y	07010101
1709	535	Itasca	Wilson		31-0320-00			31032000	Lake	84		MPCA 2013	II	474154.7	5287151	-93.34473	47.73721	31032000			09030005
2118	791	Itasca	Wolf Lake		31-0152-00			31015200	Lake	199		MPCA 2013, MPCS 2017	PWRW	480336.4	5268102	-93.26142	47.56603	31015200			07010103
612	792	Kanabec	Ann Lake		33-0040-00			33004000	Lake	363		2007, MDNR 2008	PWRW	468540.4	5085059	-93.40569	45.91838	33004000			07030004
616	796	Kanabec	Ann riparian wetland		07030004-511	Ann			Riparian wetland			MPCA, BioMon	PWRW	470944.4	5081787	-93.37449	45.88904	Ann			07030004
1710	536	Kanabec	Devils		33-0033-00			33003300	Lake	121		MPCA 2013	II	474065.4	5073575	-93.33382	45.81525	33003300			07030004
1711	537	Kanabec	Eleven		33-0001-00			33000100	Lake	320		MPCA 2013	II	493455	5109488	-93.08474	46.13894	33000100			07030003
1712	538	Kanabec	Fish		33-0036-00			33003600	Lake	440		MPCA 2013	II	475748	5075623	-93.31227	45.83374	33003600			07030004
1713	539	Kanabec	Grass		33-0013-00			33001300	Lake	24		MDNR 2008	II	487454.2	5069087	-93.16137	45.77523	33001300			07030004
1714	540	Kanabec	Kent		33-0035-00			33003500	Lake	34		MDNR 2008	II	474305.7	5078464	-93.33099	45.85926	33003500			07030004

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PROJECT_ID	File_Num	COUNTYNAME	NAME	AUT_NAME	MPCA_WID	T_SITE	DOWNUM	MB_Type	ACRES	NR2008	REFERENCE	SOURCE	STATUS	LISTUM_X	WUTUM_Y	WIDON_DD	W_LAT_DD	W_LONG	XIDNUM	KBAL_ID	INT_ID	W	HUC3
1715	541	Kanabec	Knife - remove entry		33-0028-00		33002800	Lake							476818.8	5091708	-93.29926	45.97855	33002800				07030004
613	793	Kanabec	Knife Lake		33-0028-00		33002800	Lake	1039						476814.4	5091696	-93.29931	45.97845	33002800				07030004
614	794	Kanabec	Mud (Quamba) Lake		33-0015-00		33001500	Lake	226						486328.4	5082713	-93.17541	45.89785	33001500				07030004
1716	542	Kanabec	Pennington		33-0030-00		33003000	Lake	132						478828.2	5069741	-93.27235	45.7809	33003000				07030004
2309		Kanabec	Pomroy		33-0009-00		33000900	Lake	267						485532	5095332	-93.18689	46.01141					07030004
1717	543	Kanabec	Rice		33-0011-00		33001100	Lake	172						483246.7	5064944	-93.21535	45.73785	33001100				07030004
1718	545	Kanabec	Rice (Erickson)		33-0031-00		33003100	Lake	39						472584.1	5068419	-93.3526	45.78879	33003100				07030004
615	795	Kanabec	Rice Creek		07030004-575	33r5		Stream							484807.3	5071292	-93.19549	45.79502					07030004
2310		Kanabec	Sells		33-0018-00		33001800	Lake	64						485262.5	5077013	-93.1898	45.84652					07030004
1719	546	Kanabec	Twin or East		33-0019-00		33001900	Lake	27						487078.2	5077229	-93.16642	45.8485	33001900				07030004
1720	547	Kanabec	Unnamed		33-0029-00		33002900	Lake	21						474792.5	5071920	-93.32438	45.80038	33002900				07030004
1722	549	Kanabec	Unnamed (Jones)		33-0012-00		33001200	Lake	11						488814.3	5070189	-93.1439	45.78517	33001200				07030004
1723	550	Kanabec	Unnamed (Twin)		33-0014-00		33001400	Lake	30						486011.7	5066808	-93.17986	45.75469	33001400				07030004
1721	548	Kanabec	Unnamed (WL Imp Pool 1)		33-0072-00		33007200	Lake	31		1	MDNR	2008		460184.4	5080728	-93.51308	45.87897	33007200				07030004
617	797	Kanabec	Unnamed Lake		33-0111-00		33011100	Lake	33		27	MDNR	2008		460117.4	5079215	-93.51382	45.86535	33011100				07030004
1724	551	Kanabec	White Lily		33-0008-00		33000800	Lake	32						492136.9	5103710	-93.10171	46.08692	33000800				07030003
2133	805	Kandiyohi	Andrea	Unnamed Wetland	34-0652-00		34065200	Wetland	25						326311.8	5030758	-95.21958	45.40877					07020005
1725	552	Kandiyohi	Andrew		34-0206-00		34020600	Lake	781						339788.9	5019399	-95.04379	45.30981	34020600				07020005
2311		Kandiyohi	Bear		34-0148-00		34014800	Lake	128						343387.8	5018745	-94.9977	45.30473					07010204
618	798	Kandiyohi	Blaamyhre Lake		34-0345-00		34034500	Lake	121						329189.3	5025979	-95.18118	45.3665	34034500				07020005
1726	553	Kandiyohi	Brenner		34-0339-00		34033900	Lake	81						324890	5029472	-95.23728	45.39685	34033900				07020005
1727	554	Kandiyohi	Calhoun		34-0062-00		34006200	Lake	1396						356268.7	5014910	-94.83237	45.27299	34006200				07010204
1728	555	Kandiyohi	Crook		34-0357-00		34035700	Lake	82						328836.5	5030910	-95.17463	45.41101	34035700				07020005
1729	556	Kandiyohi	Deer		34-0344-00		34034400	Lake	115						331955	5028739	-95.14683	45.39199	34034400				07020005
2127	799	Kandiyohi	Depressional Wetland		34-0143-00	New London		Wetland							346727.5	5019846	-94.95547	45.31538		New London			07010204
1730	557	Kandiyohi	Diamond		34-0044-00		34004400	Lake	1697						355341.3	5004967	-94.8413	45.18334	34004400				07010204
1731	558	Kandiyohi	East Solomon		34-0246-00		34024600	Lake	601						334980.8	5004893	-95.10027	45.17821	34024600				07020004
1732	559	Kandiyohi	Eight		34-0146-00		34014600	Lake	89						344595.3	5018724	-94.9823	45.30482	34014600				07010204
1733	560	Kandiyohi	Elizabeth		34-0022-02	00	34002202	Lake	1153						358102.3	4991685	-94.8024	45.0644	34002200				07010205
1734	561	Kandiyohi	Elkhorn		34-0119-00		34011900	Lake	79						347375.1	5008253	-94.94365	45.21122	34011900				07010204
1735	562	Kandiyohi	Foot		34-0181-00		34018100	Lake	544						338602.4	4999994	-95.05262	45.13497	34018100				07020004
1736	563	Kandiyohi	Games		34-0224-00		34022400	Lake	557						335556.3	5022015	-95.09862	45.32336	34022400				07020005
2128	800	Kandiyohi	Glesne Lake		34-0352-00		34035200	Lake	205						328230.3	5025324	-95.19319	45.36037	34035200				07020005

Alphabetical by County Name

OBJECTID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	Eng	DOWLKNUM	W_B_Type	ACRES	NR2008ES	REFERENCE_SOURSTATUS	USDTM_X	WUTM_Y	WEDN_DD	W_AT_DB_W	XIDNUM	RIBAL	INTI	al_W	HUC8	
2129	801	Kandiyohi	Glesne Slough (Unnamed) Lake		34-0353-00			34035300	Lake	16		UofM/MPCA 2013	PWRW	328521.4	5024579	-95.18922	45.35374	34035300				07030005
1737	564	Kandiyohi	Green		34-0079-00			34007900	Lake	5821		MPCA 2013	II	350493.6	5012744	-94.9053	45.2523	34007900				07010204
1738	565	Kandiyohi	Lillian		34-0072-00			34007200	Lake	1608		MPCA 2013	II	352094.7	4980573	-94.87544	44.9641	34007200				07010205
3		Kandiyohi	Middle Fork Crow River		07010204- 537	MdFKC rowR			Stream			UofM/MPCA 2013	PWRW	347129.2	5023515	-94.95148	45.34847					07010204
												MDNR 2008, UofM/MPCA 2013										
2130	802	Kandiyohi	Mongalia Lake		34-0158-00			34015800	Lake	2516		PWRW	346921.4	5022005	-94.95366	45.33484	34015800					07010204
1739	566	Kandiyohi	Nest		34-0154-00			34015400	Lake	1019		MPCA 2013	II	346175.3	5013593	-94.96057	45.259	34015400				07010204
1740	567	Kandiyohi	Norway		34-0251-00			34025100	Lake	2496		MPCA 2013	II	335186.6	5019336	-95.10244	45.30818	34025100				07020005
												MDNR 2008, Survey										
2131	803	Kandiyohi	Ole Lake		34-0342-00			34034200	Lake	66		PWRW	329742.4	5028044	-95.17484	45.3852	34034200					07020005
1741	568	Kandiyohi	Ringo		34-0172-00			34017200	Lake	774		MPCA 2013	II	342246.5	5010292	-95.00956	45.22844	34017200				07020004
1744	571	Kandiyohi	Unnamed		34-0236-00			34023600	Lake	117		MDNR 2008	II	334449.6	5025962	-95.11405	45.3676	34023600				07020005
1742	569	Kandiyohi	Unnamed		34-0150-01	340150 00		34015001	Lake	19		MPCA 2013	II	351072.6	5017991	-94.8995	45.29962	34015000				07010204
1743	570	Kandiyohi	Unnamed		34-0391-00			34039100	Lake	16		MPCA 2013	II	342570.1	5020584	-95.00871	45.3211	34039100				07010204
1745	572	Kandiyohi	Wakanda Lake		34-0169-00			34016900	Lake	1792		MPCA 2013	II	343301.2	4991385	-94.99021	45.05858	34016900				07010205
												UofM/MPCA 2013										
2132	804	Kandiyohi	Unnamed Lake		34-0611-00			34061100	Lake	131		PWRW	359957.4	5014124	-94.86159	45.26544	34061100					07010204
21		Kittson	Bronson		35-0003-00			35000300	Lake	290		MCBS 2017	II	235215.5	5402979	-96.60054	48.72353	35000300				09020312
22		Koosiching	Bartlett		36-0018-00			36001800	Lake	304		MCBS 2017	II	405470.4	5303163	-94.26419	47.87484	36001800				09020302
1746	573	Koosiching	Battle		36-0024-00			36002400	Lake	268		MPCA 2013	II	399638.6	5303059	-94.34213	47.87302	36002400				09030302
1747	574	Koosiching	Moose		36-0008-00			36000800	Lake	50		MPCA 2013, MCBS 2107	II	468578	5359669	-93.42444	48.3894	36000800				09030003
2134	806	Koosiching	Nett Lake		36-0001-00			36000100	Lake	7369		2007, MDNR 2008, 2010	PWRW	488853.4	5328222	-93.14974	48.10716	36000100	Wholly	Y		09030005
2135	807	Koosiching	Rainy Lake		69-0694-00			69069400	Lake	24349		2007, MDNR 2008, 2010	PWRW	499902.4	5384071	-93.00132	48.60972	69069400				09030003
2136	808	Koosiching	Rat Root Lake		36-0006-00			36000600	Lake	734		2007, MDNR 2008, 2010	PWRW	478806.4	5371501	-93.28688	48.49627	36000600				09030003
23		Koosiching	Teufer	Labrie	36-0019-00			36001900	Lake	39		MCBS 2017	PWRW	408884.4	5302559	-94.21841	47.8699	36001900				09030006
					09030003- 629	36r1			Stream			2007, MDNR 2008	PWRW	481924	5382760	-93.24514	48.59316	36r1				09030003
1749	575	Lac Qui Parle	Lac Qui Parle		37-0046-00			37004600	Lake	8400		MPCA 2013	II	263279.7	5000833	-96.00984	45.1213	37004600				07020001
2138	810	Lake	August Lake		38-0691-00			38069100	Lake	228		MPCA 2013, 9 1854 List	PWRW	604518.4	5290952	-91.60522	47.76345	38069100				09030001
2139	811	Lake	Bald Eagle Lake		38-0637-00			38063700	Lake	1243		MDNR 2008, 1854 List	PWRW	607544.4	5298401	-91.563	47.82996	38063700				09030001
2140	812	Lake	Basswood Lake		38-0645-00			38064500	Lake	14610		MDNR 2008, 485 1854 List, 2010	PWRW	604112.4	5320991	-91.60338	48.03371	38064500				09030001
1750	577	Lake	Bill		38-0085-00			38008500	Lake	51		MPCA 2013	II	644768.2	5297209	-91.06627	47.81194	38008500				09030001
												MDNR 2008, 7050.0470, 1854 11 List										
2141	813	Lake	Bluebill Lake		38-0261-00			38026100	Lake	44		7050.0470, 1854 11 List	7050	635018.4	5273234	-91.20386	47.59845	38026100				04010101

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PROJECT_ID	FILE_NUM	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	Flow	DOWN	NUM	Wb_Type	ACRES	NR2008ES	REFERENCE	SOURCE	STATUS	LIST	X_W	Y_W	UTM_X	UTM_Y	UTM_Z	DD_W	DD_W	DD_W	XIDNUM	RIBA_ID	INT	JA	W	HUC3	
2142	814	Lake	Bonga Lake		38-0762-00			38076200	Lake	138	138	MDNR 2008,	138	1854 List, 2010	PWRW	598913.4	5272660	-91.68414	47.5998	38076200				47.5998	38076200					09030001	
1751	578	Lake	Bunny		38-0293-00			38029300	Lake	41	41	MPCA 2013	II	629969.4	5287552	-91.26674	47.72825	38029300						47.72825	38029300					09030001	
2143	815	Lake	Cabin Lake		38-0260-00			38026000	Lake	71	71	2007, MDNR 2008, 7050-0470,	7050	1854 List, 2010	7050	637376.4	5272022	-91.17289	47.58706	38026000				47.58706	38026000					04010101	
2144	816	Lake	Camp East Creek	Unnamed Creek	09030001-623	CECr			Stream			1854 List			PWRW	604508.2	5283546	-91.60713	47.69685	CECr				47.69685	CECr				09030001		
2145	817	Lake	Campers Lake		38-0679-00			38067900	Lake	56	56	2007, MDNR 2008, 1854 List,			PWRW	605886.4	5279608	-91.58972	47.6612	38067900				47.6612	38067900					09030001	
1752	579	Lake	Cedar		38-0810-00			38081000	Lake	472	472	MPCA 2013	II	590318.9	5312176	-91.79022	47.95652	38081000							47.95652	38081000				09030001	
2146	818	Lake	Charity Lake		38-0055-00			38005500	Lake	26	26	MDNR 2008,			PWRW	640998.4	5278741	-91.12258	47.6467	38005500				47.6467	38005500					09030001	
2147	819	Lake	Christianson Lake		38-0750-00			38075000	Lake	158	158	MDNR 2008,			PWRW	600239.4	5234542	-91.67514	47.2567	38075000				47.2567	38075000					04010102	
2148	820	Lake	Clark Lake		38-0647-00			38064700	Lake	49	49	2007, MDNR 2008, 2010, 1854 List			PWRW	602335.4	5237423	-91.64676	47.28229	38064700				47.28229	38064700					04010202	
2149	821	Lake	Cloquet Lake		38-0539-00			38053900	Lake	176	176	2007, MDNR 2008, 2010, UrfM/MPCA 2013, 1854 List			PWRW	613880.4	5254872	-91.48969	47.43794	38053900				47.43794	38053900						04010202
2150	822	Lake	Cloquet River		04010202-669	38r1			Stream			MDNR 2008,			PWRW	612929.4	5252351	-91.50295	47.41484	38r1				47.41484	38r1				04010202		
2151	823	Lake	Comfort Lake		38-0290-00			38029000	Lake	42	42	MDNR 2008,			PWRW	631741.4	5291719	-91.24185	47.76537	38029000				47.76537	38029000					09030001	
1753	580	Lake	Cook		38-0004-00			38000400	Lake	89	89	MPCA 2013	II	647772	5299114	-91.02552	47.82839	38000400							47.82839	38000400				09030001	
2152	824	Lake	Cougar Lake		38-0767-00			38076700	Lake	71	71	MDNR 2008,			PWRW	598039.4	5267777	-91.69685	47.556	38076700				47.556	38076700					09030001	
2153	825	Lake	Cramer Homestead Lake		38-0246-00			38024600	Lake	26	26	1854 List, MPCA 2013			PWRW	637827.4	5262302	-91.16994	47.49954	38024600				47.49954	38024600					04010101	
2154	826	Lake	Cramer Lake		38-0014-00			38001400	Lake	69	69	2007, MDNR 2008, 1854 List,			PWRW	643342.4	5264953	-91.09589	47.52219	38001400				47.52219	38001400					04010101	
2155	827	Lake	Crooked Lake		38-0024-00			38002400	Lake	272	272	MDNR 2008,			PWRW	645058.4	5274493	-91.06996	47.6076	38002400				47.6076	38002400					04010101	

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OBJECTID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	Eqg	DOWNUM	MWB_Type	ACRES	NR2008	REFERENCE	SOURCE	STATUS	LIST	LISTM_X	WEUTM_Y	WIDON_DD	W_AT_DD	XIDNUM	RIBAL_ID	INTL_W	HUC6
2156	828	Lake	Crooked Lake		38-0817-00			38081700	Lake	5229		MDNR 2008, 1854 List	PWRW			589233.4	5337990	-91.79937	48.18887	38081700			09030001
2157	829	Lake	Cross River Lake		38-0002-00			38000200	Lake	75		1854 List, MPCA 1 2013	PWRW			648033.4	5282923	-91.02755	47.68274	38000200			04010101
2158	830	Lake	Crown Lake		38-0419-00			38041900	Lake	69		MDNR 2008, 1854 List	PWRW			622889.4	5268695	-91.36641	47.56004	38041900			04010101
1754	581	Lake	Denley		38-0773-00			38077300	Lake	45		MPCA 2013	II			598850.1	5285744	-91.68202	47.7175	38077300			09030001
1755	582	Lake	Diana		38-0459-00			38045900	Lake	49		MPCA 2013	II			620295.8	5298966	-91.39253	47.83278	38045900			09030001
1756	583	Lake	Dragon		38-0552-00			38055200	Lake	85		1854 List, MDNR 2008,	PWRW			611990.9	5283893	-91.50795	47.69871	38055200			09030001
2159	831	Lake	Driller Lake		38-0652-00			38065200	Lake	24		1854 List	PWRW			604793.4	5256821	-91.60971	47.4564	38065200			04010202
2160	832	Lake	Dumbbell Lake		38-0399-00			38039900	Lake	476		MDNR 2008, 48 1854 List, 2010	PWRW			630274.4	5274941	-91.26643	47.61477	38039900			09030001
2161	833	Lake	Dumbbell River		09030001- 632	14RNO 89			Stream			MPCA, BioMon	PWRW			630039.6	5283457	-91.26702	47.69141	14RNO89			09030001
2162	834	Lake	Dumbbell River		38-0270-00			38027000	Lake	13		1854 List, MPCA 2013	PWRW			630068.4	5277089	-91.26853	47.63413	38027000			09030001
2163	835	Lake	Dunnigan Lake		38-0664-00			38066400	Lake	81		1854 List	PWRW			602690.4	5284781	-91.63106	47.70824	38066400			09030001
1757	584	Lake	East Chub		38-0674-00			38067400	Lake	98		MPCA 2013	II			603409.3	5281446	-91.62227	47.67813	38067400			09030001
2164	836	Lake	Eighteen Lake		38-0432-00			38043200	Lake	102		1854 List, MPCA 2013	PWRW			623957.4	5278176	-91.34954	47.64511	38043200			09030001
2165	837	Lake	Ella Hall Lake		38-0727-00			38072700	Lake	372		MDNR 2008, 1 1854 List	PWRW			600610.4	5316057	-91.6515	47.9899	38072700			09030001
2166	838	Lake	Fall Lake		38-0811-00			38081100	Lake	2322		MDNR 2008, 1854 List, MPCA 23 2013	PWRW			593977.4	5311554	-91.74137	47.95022	38081100			09030001
2167	839	Lake	Farm Lake		38-0779-00			38077900	Lake	1292		2007, MDNR 2008, 2010, 1854 List, MCBS 2017	PWRW			595263.4	5305926	-91.72539	47.89959	38077900			09030001
2168	840	Lake	Fiat Horn Lake		38-0568-00			38056800	Lake	52		MDNR 2008, 1854 List, MCBS 2011	PWRW			615741.4	5279634	-91.4585	47.65974	38056800			09030001
1758	585	Lake	Folly		38-0265-00			38026500	Lake	16		MPCA 2013	II			635832.7	5282579	-91.19013	47.68232	38026500			09030001
2169	841	Lake	Fools Lake		38-0761-00			38076100	Lake	14		MDNR 2008, 14 1854 List	PWRW			599439.4	5274481	-91.67673	47.6161	38076100			09030001
1759	586	Lake	Fourth McDougal		38-0657-00			38065700	Lake	14		MPCA 2013	II			608599.8	5276323	-91.55441	47.6312	38065700			09030001
891	842	Lake	Gabbro Lake		38-0701-00			38070100	Lake	927		MDNR 2008, 1854 List	PWRW			605683.4	5301195	-91.58718	47.8554	38070100			09030001
892	843	Lake	Garden Lake		38-0782-00			38078200	Lake	4236		2007, MDNR 2008, 1854 List, 2010	PWRW			593579.4	5308293	-91.74741	47.92113	38078200			09030001
893	844	Lake	Gegoka Lake		38-0573-00			38057300	Lake	174		2007, MDNR 2008, MCBS 2011, 1854 List, 14 2010	PWRW			614161.4	5278619	-91.47981	47.65089	38057300			09030001
2334		Lake	Good		38-0726-00			38072600	Lake	175		MPCA, Blomton	II			603276.1	5317330	-91.60822	48.00683	38072600			09030001

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OBJECT ID	FILE Num	COUNTYNAME	NAME	AUT_NAME	MPCA_WID	IT_SITE	Flow	DOWNUM	MWSE_Type	ACRES	NR20085	REFERENCE	SOURCE	TATUS	LIST	TM_X	WID	TM_Y	WHON	DD	W	AT	DD	W	XIDNUM	RIBAL	INT	al	W	HUC8
894	845	Lake	Grass Lake		38-0635-00			38063500	Lake	24	1	1854 List	MPCA 2013,	PWRW		610141.4	5284624	-91.5318	47.7056	38063500									09030001	
895	846	Lake	Green Wing Lake		38-0264-00			38026400	Lake	34			2007, MDNR 2008, 1854 List, MCBS 2011, 15 2010	PWRW		636735.4	5285284	-91.17726	47.70646	38026400									09030001	
896	847	Lake	Greenwood Lake		38-0656-00			38065600	Lake	1469			1854 List, MPCA 2013	PWRW		602949.4	5263712	-91.63256	47.51868	38065600									09030001	
897	848	Lake	Grouse Lake		38-0557-00			38055700	Lake	149			2013	PWRW		616058.4	5282704	-91.45347	47.6873	38055700									09030001	
898	849	Lake	Harriet Lake		38-0048-00			38004800	Lake	265			53 1854 List, MPCA 2013,	PWRW		641721.4	5280936	-91.11225	47.66628	38004800									09030001	
899	850	Lake	Harris Lake		38-0736-00			38073600	Lake	121			MDNR 2008,	PWRW		599959.4	5290553	-91.66611	47.76149	38073600									09030001	
1569	587	Lake	Hide (Bearskin)		38-0553-00			38055300	Lake	22			MPCA 2013	II		610680.8	5283129	-91.52499	47.69206	38055300									09030001	
900	851	Lake	Hjalmer Lake		38-0758-00			38075800	Lake	109			MDNR 2008,	PWRW		595461.4	5254582	-91.73397	47.43769	38075800									04010202	
901	852	Lake	Hoist Creek		04010101-01	D81	HCr		Stream					PWRW		637133.6	5272343	-91.17601	47.58999	HCr									04010101	
902	853	Lake	Hoist Lake		38-0251-00			38025100	Lake	117			2007, MDNR 2008, 2010, 1854 List	PWRW		637293.4	5275752	-91.17282	47.62062	38025100									04010101	
1570	588	Lake	Homestead		38-0269-00			38026900	Lake	50			MPCA 2013	II		637439	5278267	-91.1701	47.6432	38026900									09030001	
903	854	Lake	Horse River		09030001-719	38R5			Stream	0			MDNR 2008, 1854 List	PWRW		596214.1	5329415	-91.70741	48.11072	38R5									09030001	
904	855	Lake	Hula Lake		38-0728-00			38072800	Lake	121			2010	PWRW		604254.4	5316954	-91.60246	47.99738	38072800									09030001	
905	856	Lake	Isabella Lake		38-0396-00			38039600	Lake	1318			MDNR 2008,	PWRW		628106.4	5296799	-91.28884	47.81179	38039600									09030001	
906 1	857	Lake	Isabella River		09030001-527	38R4			Stream				MDNR 2008,	PWRW		610309.5	5294995	-91.52693	47.79886	38R4									09030001	
1571 1	589	Lake	Island River		09030001-563	H-1-92-21-15			Stream				1854 List	PWRW		624993	5294633	-91.33184	47.79293	15									09030001	
908	859	Lake	Island River Lake		38-0842-00			38084200	Lake	49			MPCA 2013,	PWRW		626080.4	5292699	-91.31708	47.77532	38084200									09030001	
907	858	Lake	Island River Lake		38-0289-00			38028900	Lake	148			MCBS 2011, MPCA 2013	PWRW		632288.4	5292018	-91.23447	47.76794	38028900									09030001	
1572	590	Lake	Jack		38-0441-00			38044100	Lake	51			MPCA 2013	II		628248	5286099	-91.29011	47.71553	38044100									09030001	
1573	591	Lake	Jouppi		38-0909-00			38090900	Lake	7			MPCA 2013	II		626297.4	5271871	-91.32021	47.58795	38090900									09030001	
1574	592	Lake	Katherine		38-0538-00			38053800	Lake	77			MPCA 2013	II		615233.3	5255391	-91.47162	47.44177	38053800									04010202	
909	860	Lake	Kawishiwi Lake		38-0080-00			38008000	Lake	468			MDNR 2008, 1854 List	PWRW		641211.4	5300854	-91.11257	47.84551	38008000									09030001	
910 1	861	Lake	Kawishiwi River		09030001-512	38R2			Stream	0			MDNR 2008,	PWRW		595852.6	5306592	-91.71737	47.90549	38R2									09030001	
911	862	Lake	Kitigan Lake		38-0559-00			38055900	Lake	84			1854 List, MPCA 2013	PWRW		617930.4	5283194	-91.4284	47.69136	38055900									09030001	
912	863	Lake	Kowalski Lake		38-0016-00			38001600	Lake	13			MPCA 2013,	PWRW		644170.4	5263976	-91.08522	47.51322	38001600									04010101	

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Attachment 5A

Alphabetical by County Name

OBJECTID	File Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	ETG	DOWNUM	MBS	Typ	ACRES	NR2008	ES	REFERENCE	SOURCE	STATUS	LIST	JTM_X	WJTM_Y	WIDN_DD	WLAT_DD	W	XIDNUM	RIBAL	INT	al_W	HUC3
913	864	Lake	Langley Lake		38-0648-00			38064800	Lake		14			1854 List	PWRW		606066.4	524333.4	-91.59602	47.33488	38064800						04010202
914	865	Lake	Lax Lake		38-0406-00			38040600	Lake		273			1854 List, MPCA 2013, UofM/MPCA 2013	II		628495.4	524487.2	-91.29885	47.34469	38040600						04010202
915	866	Lake	Legler Lake		38-0649-00			38064900	Lake		51			1854 List, MPCA 2013	PWRW		604965.4	524285.2	-91.61073	47.33072	38064900						04010202
916	867	Lake	Little Gabbro Lake		38-0703-00			38070300	Lake		151			MDNR 2008, 1854 List	PWRW		602953.4	530136.2	-91.62362	47.85734	38070300						09030001
917	868	Lake	Little Wampus Lake		38-0654-00			38065400	Lake		16			MDNR 2008, 1854 List	PWRW		604416.4	527846.4	-91.60957	47.65114	38065400						09030001
918	869	Lake	Lobo Lake		38-0756-00			38075600	Lake		132			MDNR 2008, 99 1854 List, 2010	PWRW		597721.4	527071.1	-91.70042	47.58245	38075600						04010201
919	870	Lake	Manomin Lake		38-0616-00			38061600	Lake		455			MDNR 2008, 23 1854 List	PWRW		612719.4	532205.5	-91.48768	48.04183	38061600						09030001
1575	593	Lake	Micmac		38-0233-00			38023300	Lake		121			MPCA 2013	II		631789.7	524529.8	-91.25513	47.34786	38023300						04010101
920	871	Lake	Middle McDougal Lake		38-0658-00			38065800	Lake		104			2007, MDNR 2008, 2010, 1854 List	PWRW		608817.4	527580.3	-91.55164	47.62648	38065800						09030001
1576	594	Lake	Mitawan		38-0561-00			38056100	Lake		202			MPCA 2013	II		617962.3	528139.4	-91.42846	47.67517	38056100						09030001
922	873	Lake	Moose Lake		38-0644-00			38064400	Lake		1300			1854 List, MPCA 2013	PWRW		611382.4	531624.6	-91.50712	47.98981	38064400						09030001
921	872	Lake	Moose Lake		38-0036-00			38003600	Lake		201			MDNR 2008, 1854 List, 2010	PWRW		639691.4	526927.3	-91.14299	47.56184	38003600						04010101
923	874	Lake	Mud Lake		38-0742-00			38074200	Lake		164			MDNR 2008, 1854 List	PWRW		599120.4	531458.6	-91.67181	47.9769	38074200						09030001
281	875	Lake	Muskeg Lake		38-0788-00			38078800	Lake		178			MDNR 2008, 71 1854 List, 2010	PWRW		598759.4	531587.4	-91.67635	47.98854	38078800						09030001
1578	595	Lake	Newfound		38-0619-00			38061900	Lake		652			MPCA 2013	II		614512.7	531975.5	-91.46425	48.02082	38061900						09030001
282	876	Lake	Newton Lake		38-0784-00			38078400	Lake		516			MDNR 2008, 1854 List	PWRW		595802.4	531534.1	-91.71609	47.98419	38078400						09030001
283	877	Lake	Nine A M Lake		38-0445-00			38044500	Lake		27			MDNR 2008, 14 1854 List	PWRW		628753.4	529074.6	-91.262	47.75722	38044500						09030001
284	878	Lake	North McDougal Lake		38-0686-00			38068600	Lake		273			MDNR 2008, 1854 List	PWRW		609014.4	527699.3	-91.54873	47.63716	38068600						09030001
285	879	Lake	Osier Lake		38-0420-00			38042000	Lake		72			MPCA 2013, 28 1854 List	PWRW		620828.4	526834.3	-91.39389	47.55726	38042000						09030001
286	880	Lake	Papoose Lake		38-0818-00			38081800	Lake		54			MDNR 2008, 3 1854 List	PWRW		589555.4	533488.2	-91.79569	48.16087	38081800						09030001
287	881	Lake	Pea Soup Lake		38-0739-00			38073900	Lake		13			MDNR 2008, 13 1854 List	PWRW		599962.4	531091.6	-91.66138	47.94376	38073900						09030001
288	882	Lake	Perent Lake		38-0220-00			38022000	Lake		1598			1854 List, MPCA 2013	PWRW		639461.4	529558.5	-91.13764	47.79851	38022000						09030001
289	883	Lake	Phantom Lake		38-0653-00			38065300	Lake		70			MDNR 2008, 1854 List, 2010	PWRW		606329.4	525726.0	-91.58923	47.4601	38065300						09030001
290	884	Lake	Polly Lake		38-0104-00			38010400	Lake		479			1854 List, MPCA 2013	PWRW		642062.4	530737.4	-91.09905	47.90396	38010400						09030001
1579	597	Lake	Pose		38-0455-00			38045500	Lake		76			MPCA 2013	II		624863.4	530223.0	-91.33057	47.86127	38045500						09030001
291	885	Lake	Railroad Lake		38-0655-00			38065500	Lake		11			MDNR 2008, 1 1854 List	PWRW		609800.4	525927.8	-91.54294	47.46868	38065500						09030001

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Attachment 5A

Alphabetical by County Name

OBJECTID	FEID_Num1	COUNTYNAME	NAME	AUT_NAME	MPCA_WID	IT_SITE	DOCKNUM	WWS_Type	ACRES	NR20085	REFERENCE	SOURCE	STATUS	LISTM_X	WUTM_X	WUTM_Y	WUTM_Z	WUTM_DD	WUTM_W	KIDNUM	HBAU	INT	W	HUCB
371	886	Lake	Rat Lake		38-0567-00		38056700	Lake	10		1854 List, MPCA 2013	PWRW		616280.4	5280482	-91.4511	47.66727	38056700						09030001
1580	598	Lake	Redskin		38-0440-00		38044000	Lake	43		MPCA 2013	II		625589.8	5277041	-91.31483	47.65439	38044000						09030001
372	887	Lake	Rice Lake		38-0465-00		38046500	Lake	206		MDNR 2008, 2006 1854 List, 2010	PWRW		622209.4	5297331	-91.36743	47.81771	38046500						09030001
373	888	Lake	Riparian, stream wetland		09030001-985	11LAKE 149		Wetland			MPCA_BioMon	PWRW		605428.4	5277857	-91.59624	47.64552		11LAKE14					09030001
374	889	Lake	Roe Lake		38-0139-00		38013900	Lake	76		MDNR 2008, 1854 List	PWRW		639152.4	5320463	-91.13374	48.02229	38013900						09030001
375	890	Lake	Round Island Lake		38-0417-00		38041700	Lake	58		2007, MDNR 2008, 7050.0470, 58 1854 List, 2010	7050		628319.4	5274562	-91.29255	47.61175	38041700						04010101
376	891	Lake	Sand Lake		38-0735-00		38073500	Lake	506		2007, MDNR 2008, 1854 List, 51 2010	PWRW		600057.4	5270750	-91.66936	47.58244	38073500						09030001
1853	599	Lake	Sapphire		38-0446-00		38044600	Lake	42		MPCA 2013	II		625206.2	5290072	-91.3295	47.75186	38044600						09030001
378	893	Lake	Scarp Lake (Cliff)		38-0058-00		38005800	Lake	39		1854 List, MPCA 2013	PWRW		640653.4	5277895	-91.12744	47.63916	38005800						09030001
379	894	Lake	Scott Lake		38-0271-00		38027100	Lake	52		MDNR 2008, 1854 List	PWRW		635687.4	5277351	-91.19369	47.65554	38027100						09030001
1854	600	Lake	Section 29		38-0292-00		38029200	Lake	97		MPCA 2013	II		631723.3	5289221	-91.24285	47.7429	38029200						09030001
380	895	Lake	Silver Island Lake		38-0219-00		38021900	Lake	1239		MDNR 2008, 1854 List	PWRW		639117.4	5288319	-91.14456	47.73324	38021900						09030001
381	896	Lake	Sink Lake		38-0540-00		38054000	Lake			1854 List	PWRW		614974.4	5253253	-91.47561	47.42259	38054000						04010202
382	897	Lake	Slate Lake	Spider	38-0666-00		38066600	Lake	293		MDNR 2008, 1854 List, MPCA 2013	PWRW		603184.4	5283178	-91.62485	47.69374	38066600						09030001
383	898	Lake	Snowbank Lake		38-0529-00		38052900	Lake	4819		MDNR 2008, 50 1854 List, 2010	PWRW		617974.4	5316142	-91.41883	47.98759	38052900						09030001
384	899	Lake	Sonju Lake		38-0248-00		38024800	Lake			1854 List	PWRW		634958.4	5260999	-91.2086	47.48303	38024800						04010101
385	900	Lake	Source Lake		38-0654-00		38065400	Lake	35		MDNR 2008, 1 1854 List	PWRW		609025.4	5259642	-91.55288	47.48108	38065400						09030001
386	901	Lake	Sourdough Lake		38-0708-00		38070800	Lake	17		MDNR 2008, 17 1854 List	PWRW		602201.4	5313128	-91.63088	47.9633	38070800						09030001
387	902	Lake	South Farm Lake		38-0778-00		38077800	Lake	618		1854 List, MPCA 2013	PWRW		597771.4	5305278	-91.69199	47.85338	38077800						09030001
388 1	903	Lake	South Kawishiwi River		09030001-536	SKR		Stream			1854 List	PWRW		591111.1	5296264	-91.78297	47.81327	SKR						09030001
389	904	Lake	South McDougal Lake		38-0659-00		38065900	Lake	277		MDNR 2008, 3 1854 List	PWRW		608731.4	5274764	-91.55305	47.61715	38065900						09030001
390	905	Lake	South Wigwam Lake		38-0001-00		38000100	Lake	63		1854 List, MPCA 2013	PWRW		648015.4	5284550	-91.02723	47.69737	38000100						04010101
1855	602	Lake	Square		38-0074-00		38007400	Lake	127		MPCA 2013	II		640695.2	5302942	-91.11878	47.8644	38007400						09030001

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Alphabetical by County Name

PROJECT File	File Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	EDGE	DOWLKNUMWB	Typk	ACRES	MR2008ES	REFERENCE	SOURSTATUS	LISTJTM_X	LISTJTM_Y	WIDON_DD	WAT_DD	WAT_DD	XIDNUM	RIBAL	INT	INT	INT	HUCB
391	906	Lake	Stony Lake		38-0660-00			38066000	Lake	409	245	2007, MDNR 2008, 1854 List, 2010	PWRW	603113.4	5274916	-91.62775	47.61944	38066000						09030001
377	892	Lake	Stony River	Sand River	09030001-985	38R3		38075500	Stream	45		2007, MDNR 2008, 1854 List	PWRW	605308.4	5279805	-91.59737	47.66306	38R3						09030001
1857	603	Lake	Sullivan		38-0755-00			38075500	Lake	38		MPCA 2013	II	600132.7	5248021	-91.67351	47.37797	38075500						04010202
393	908	Lake	Surprise Lake		38-0550-00			38055000	Lake	38		1854 List, MPCA 2013	PWRW	610813.4	5285044	-91.52274	47.70926	38055000						09030001
394	909	Lake	Swallow Lake		38-0668-00			38066800	Lake	147		1854 List	PWRW	606383.4	5283585	-91.58213	47.69689	38066800						09030001
1858	604	Lake	Swamp (Shallow,Deep)		38-0285-00			38028500	Lake	33		MPCA 2013	II	636902.2	5293352	-91.17282	47.76998	38028500						09030001
395	910	Lake	Sylvania Lake		38-0395-00			38039500	Lake	86		1854 List, MPCA 2013	PWRW	629691.4	5287010	-91.2706	47.72343	38039500						09030001
1859	605	Lake	Tommy		38-0425-00			38042500	Lake	8		MPCA 2013	II	621674.5	5283391	-91.37847	47.69244	38042500						09030001
396	911	Lake	Twentythree Lake		38-0247-00			38024700	Lake	52		1854 List, MPCA 2013	PWRW	636498.4	5261395	-91.18786	47.49167	38024700						04010101
1860	606	Lake	Unnamed (Two Fifty Four)		38-0254-00			38025400	Lake	12		MPCA 2013	II	632846.8	5276030	-91.23189	47.62404	38025400						09030001
397	912	Lake	Unnamed Creek	Scott Creek Trib.	09030001-598	ScottCr Trib		38075600	Stream	74		1854 List MDNR 2008, 2010	PWRW	633725.9	5276807	-91.21996	47.63085	38075600	ScottCrTri					09030001
398	913	Lake	Upland Lake		38-0756-00			38075600	Lake	74		1854 List	PWRW	609926.4	5255697	-91.66125	47.44468	38075600						04010202
399	914	Lake	Vera Lake		38-0491-00			38049100	Lake	262		MDNR 2008, 1854 List	PWRW	625806.4	5323925	-91.31163	48.05619	38049100						09030001
1861	607	Lake	Wager		38-0458-00			38045800	Lake	10		MPCA 2013	II	620954	5299217	-91.38366	47.83492	38045800						09030001
400	915	Lake	Wampus Lake		38-0685-00			38068500	Lake	146		MDNR 2008, 1854 List	PWRW	603438.4	5277681	-91.62277	47.64426	38068500						09030001
1862	608	Lake	Wanless		38-0049-00			38004900	Lake	78		MPCA 2013	II	639790.3	5281847	-91.13766	47.67489	38004900						09030001
1863	609	Lake	Watowan		38-0079-00			38007900	Lake	58		MPCA 2013	II	643464.1	5300766	-91.0825	47.84422	38007900						09030001
1864	610	Lake	West Chub		38-0675-00			38067500	Lake	124		MPCA 2013	II	601990	5280981	-91.64128	47.67417	38067500						09030001
1865	611	Lake	Wilson		38-0047-00			38004700	Lake	666		MPCA 2013	II	644546.8	5281655	-91.07439	47.67213	38004700						04010101
401	916	Lake	Wind Lake		38-0642-00			38064200	Lake	952		MDNR 2008, 10 1854 List	PWRW	609214.4	5318852	-91.53551	48.01363	38064200						09030001
402	917	Lake	Wood Lake		38-0729-00			38072900	Lake	587		MDNR 2008, 125 1854 List, 2010	PWRW	605524.4	5315846	-91.58571	47.98721	38072900						09030001
403	918	Lake	Wye Lake		38-0042-00			38004200	Lake	55		1854 List, MPCA 2013	PWRW	640410.4	5284626	-91.12851	47.69975	38004200						09030001
404	919	Woods	Baudette River		09030008-535	39R2		382702.6	Stream	0		2007, MDNR 2008	PWRW	382702.6	5394588	-94.59394	48.6933	39R2						09030008
405	920	Woods	Bostick Creek		09030009-537	39R1		370318.2	Stream			MDNR 2008	II	370318.2	5411545	-94.7675	48.84332	39R1						09030009
406	921	Woods	Lake of the Woods		39-0002-00			39000200	Lake	305534		2007, MDNR 2008	PWRW	353116.4	5437664	-95.01123	49.07431	39000200	Partial Lak					09030009
407	922	Woods	Rainy River		09030008-505	39R5		375160.1	Stream	0		2007, MDNR 2008, 2010	PWRW	375160.1	5408496	-94.70061	48.8169	39R5						09030008
408	923	Woods	Roseau Flowage		39000900	39IMP001		328978.1		200		MDNR 2008, 100 2010	PWRW	328978.1	5379530	-95.31727	48.54554	39IMP001						09020314

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Alphabetical by County Name

PROJECT_ID	File_Num	COUNTYNAME	NAME	AUT_NAME	MPCA_WID	T_SITE	ENG	DOMXNUM	WID_Type	ACRES	REFERENCE	SOURCE	STATUS	LISTM_X	WHITM_Y	WHON_DD	W_LAT_DD	W_LONG_DD	XIDNUM	IBAL	INT	LA	W	HUC3
409	924	Woods	Silver Creek	09030008-513	39-3				Stream	0	2007, MDNR 2008			PWRW	390612.5	5394078	-94.48636	48.69015	39-3					09030008
410	925	Woods	Winter Road River	09030008-502	39-4			Stream	0		2007, MDNR 2008, 2010			PWRW	377981.6	5401924	-94.66024	48.75836	39-4					09030008
1760	612	Le Sueur	Fish	44-0051-00				Lake	84		MPCA 2013			II	446838.6	4897502	-93.66564	44.22881	40005100					07040002
1761	613	Le Sueur	Rice	44-0016-00				Lake	182		MDNR 2008			II	456932.6	4921798	-93.54126	44.4482	40001600					07020012
1762	614	Le Sueur	Rice	44-0114-00				Lake	11		MDNR 2008			II	436017.4	4919946	-93.80387	44.42998	40011400					07020012
1763	615	Le Sueur	Rice	44-0037-00				Lake	21		MDNR 2008			II	444003.2	4902544	-93.70168	44.27398	40003700					07040002
1764	616	Le Sueur	Rice - delete line entry	NA	40wtd1						MDNR 2008			II					40wtd1					07010101
1765	617	Lincoln	Hawksnest	41-0045-00				Lake	270		MPCA 2013			II	245021.1	4929836	-96.20607	44.47683	41004500					07020004
1766	618	Lincoln	Oak	41-0062-00				Lake	107		MPCA 2013			II	242453	4936608	-96.24169	44.53678	41006200					07020004
1767	619	Lincoln	Perch	41-0067-00				Lake	206		MPCA 2013			II	238604.2	4934225	-96.28884	44.51398	41006700					07020004
1768	620	Lincoln	Steep Bank	41-0082-00				Lake	208		MPCA 2013			II	235507.4	4937150	-96.32924	44.53914	41008200					07020004
1769	621	Lincoln	Unnamed (Bohemian)	41-0109-00				Lake	111		MPCA 2013			II	230717	4947271	-96.39473	44.62833	41010900					07020003
2		Lyon	Lady Slipper	42-0020-00				Lake	286		MDNR 2008, UofM/MPCA 2013			II	291754.2	493876.9	-95.62274	44.57208	42002000					07020004
1770	622	Mahnomen	Bass	44-0006-00				Lake	700		MPCA 2013			II	304011.9	5233540	-95.58893	47.22609	44000600	Wholly	h	Y	09020108	
411	926	Mahnomen	Depressional Wetland	44-0054-00	07Mah n175			Wetland			MPCA, BioMon			PWRW	289320.1	5234998	-95.78346	47.23464	07Mah n175				Y	09020108
1771	623	Mahnomen	Grass	44-0047-00				Lake	22		MDNR 2008			II	297299.2	5240258	-95.68055	47.28443	44004700	Wholly	h	Y	09020108	
24		Mahnomen	Little Elbow	44-0011-00				Lake	168		MCBS 2017			II	303034	5228513	-95.59963	47.18061	44001100	Wholly	h		09020108	
1772	624	Mahnomen	Little Vanose	44-0169-00				Lake	149		MPCA 2013			II	289094.2	5256765	-95.79676	47.4302	44016900	Wholly	h	Y	09020108	
413	928	Mahnomen	Lone Long Lake	44-0002-00				Lake	117		2007, MDNR 2008, MCBS 2011			PWRW	306890.4	5248107	-95.55726	47.35789	44000200	Wholly	h	Y	09020108	
412	927	Mahnomen	Mahn	44-0572-00	09Mah n139			Wetland	30		MPCA, BioMon			PWRW	304575.9	5235263	-95.58224	47.24174	09Mah n139				Y	09020108
414	929	Mahnomen	McCraney Lake	44-0060-00				Lake	277		MDNR APM, MPCA 2013			PWRW	295783.4	5227657	-95.69483	47.1707	44006000	Wholly	h	Y	09020108	

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Alphabetical by County Name

OBJECTID	FILE_NUM	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	ETW	DOWLKNUM	WB_Type	ACRES	NR2008ES	REFERENCE_SOUR	TSTATUS	USJTM_X	USJTM_Y	WIDN_DD	WAT_DD	WAT_W	XIDNUM	YBAL	INT	AI_W	HUCB
1773	625	Mahnomen	Peabody		44-0573-00	44-wetld1		44057300	Wetland			MDNR 2008	II	296182.3	5240213	-95.69529	47.28368	44-wetld1					07010101
1774	626	Mahnomen	Rice		44-0024-00			44002400	Lake	120		MDNR 2008	II	297795.9	5237540	-95.67276	47.26016	44002400	Wholly h	Wholly h	Wholly h	Y	09020108
415	930	Mahnomen	Roy Lake		44-0001-00			44000100	Lake	689		MDNR 2008, Survey	PWRW	307134.4	5243594	-95.55207	47.31739	44000100	Wholly h	Wholly h	Wholly h	Y	09020108
1775	627	Mahnomen	Sargent		44-0108-00			44010800	Lake	174		MDNR 2008, MCBS 2017	II	296815.2	5238631	-95.68621	47.26966	44010800	Wholly h	Wholly h	Wholly h	Y	09020108
1776	628	Mahnomen	Snetsinger		44-0121-00			44012100	Lake	213		MPCA 2013	II	295102.6	5251537	-95.71476	47.38513	44012100	Wholly h	Wholly h	Wholly h	Y	09020108
25		Mahnomen	South Twin		44-0014-00			44001400	Lake	1126		MCBS 2017	II	298872.9	5234335	-95.65578	47.23171	44001400	Wholly h	Wholly h	Wholly h	Y	09020108
1777	629	Mahnomen	Tulaby		44-0003-00			44000300	Lake	849		MPCA 2013, MCBS 2017	II	302621.3	5225240	-95.60363	47.15106	44000300	Wholly h	Wholly h	Wholly h	Y	09020108
1778	630	Mahnomen	Wakefield		44-0122-00			44012200	Lake	149		MPCA 2013	II	296485	5250870	-95.69616	47.37956	44012200	Wholly h	Wholly h	Wholly h	Y	09020108
416	931	Mahnomen	Wild Rice River		09020108-510	14RDO30			Stream			MPCA_BioMon	PWRW	301297.3	5251668	-95.63284	47.38822	14RD030	Wholly h	Wholly h	Wholly h	Y	09020108
417	932	Mahnomen	Wild Rice River		09020108-510	14RDO04			Stream			MPCA_BioMon	PWRW	294584.9	5246318	-95.71192	47.33806	14RD004	Wholly h	Wholly h	Wholly h	Y	09020108
1779	631	McLeod	Coon	Depressional	43-0020-00			43002000	Lake	118		MPCA 2013	II	412829.7	4980789	-94.10555	44.97519	43002000	Wholly h	Wholly h	Wholly h	Y	07010205
418	933	McLeod	Dagger Slough	Wetland	43-0168-00	05Mcle001		43016800	Wetland	7.6		MPCA_BioMon	PWRW	397269.6	4952967	-94.29719	44.72272	05Mcle001					07010205
1780	632	McLeod	Grass		43-0013-00			43001300	Lake	62		MDNR 2008	II	416153.1	4979827	-94.06324	44.96693	43001300	Wholly h	Wholly h	Wholly h	Y	07010205
1781	633	McLeod	Rice		43-0042-00			43004200	Lake	60		MDNR 2008	II	401030.6	4959378	-94.25096	44.78095	43004200	Wholly h	Wholly h	Wholly h	Y	07010205
1782	634	Meeker	Darwin		47-0076-00			47007600	Lake	200		MPCA 2013	II	389665.4	4993538	-94.40203	45.0867	47007600	Wholly h	Wholly h	Wholly h	Y	07010204
419	934	Meeker	Evenson Lake		47-0118-00			47011800	Lake	130		MDNR APM	II	375195.4	4988880	-94.58468	45.04239	47011800	Wholly h	Wholly h	Wholly h	Y	07010205
1783	635	Meeker	Francis		47-0002-00			47000200	Lake	1172		MPCA 2013	II	401010.6	5008279	-94.26082	45.22104	47000200	Wholly h	Wholly h	Wholly h	Y	07010204
1784	636	Meeker	Jennie		47-0015-00			47001500	Lake	1089		MPCA 2013	II	394926	4983764	-94.33316	44.99954	47001500	Wholly h	Wholly h	Wholly h	Y	07010204
1785	637	Meeker	Rice		47-0087-00			47008700	Lake	69		MDNR 2008	II	386664.3	5003778	-94.44248	45.17832	47008700	Wholly h	Wholly h	Wholly h	Y	07010204
1786	638	Meeker	Ripley		47-0134-00			47013400	Lake	1060		MPCA 2013	II	378835	4995977	-94.5402	45.10688	47013400	Wholly h	Wholly h	Wholly h	Y	07010204

Alphabetical by County Name

PROJECT_ID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	Eqg	DOM/KNUM/MB_Type	ACRES	NR2008ES	REFERENCE	SOURCE	STATUS	LUSITM_X	WHUTM_Y	WIDN_DD_W	WIDN_DD_W	WIDN_DD_W	XIDNUM	REAL_ID	INTJal_W	HUCB
1787	639	Meeker	Spring		47-0032-00			Lake	202		MPCA 2013	II		398374.5	4993181	-94.25132	45.08479	47003200				07010204
420	935	Meeker	Stella		47-0068-00			Lake	596		UofM/MPCA 2013, MPCA 2013	PWRW		368310.3	4991418	-94.41877	45.06741	47006800				07010204
1788	641	Meeker	Thoen (Grass)		47-0154-00			Lake	216		MDNR 2008	II		371976.7	4995447	-94.6272	45.1009	47015400				07010204
1789	642	Meeker	Washington		47-0046-00			Lake	2524		MPCA 2013	II		391691.2	4991590	-94.37588	45.06948	47004600				07010204
1790	643	Mille Lacs	Bass		48-0017-00			Lake	14		MPCA 2013	II		439377	5114411	-93.78548	46.18058	48001700	Wholly Lacs			07010207
1791	644	Mille Lacs	Bass		48-0018-00			Lake	22		MPCA 2013	II		438968.3	5114083	-93.79073	46.17741	48001800	Wholly Lacs			07010207
1792	645	Mille Lacs	Bass		48-0016-00			Lake	12		MPCA 2013	II		439586.2	5114627	-93.78279	46.18254	48001600	Wholly Lacs			07010207
1793	646	Mille Lacs	Cranberry		48-0007-00			Lake	240		MPCA 2013	II		454837.5	5093467	-93.58318	45.99329	48000700				07030004
421	936	Mille Lacs	Dewitt Marsh Lake		48-0020-00			Lake	110		MDNR 2008, 131 2010	PWRW		465105.4	5093439	-93.45059	45.99364	48002000				07030004
422	937	Mille Lacs	Ernst Pool Lake		48-0036-00			Lake	300		MDNR 2008, 200 2010	PWRW		460790.4	5100748	-93.50691	46.05919	48003600				07030004
1794	648	Mille Lacs	Mikkelson Pool		48-0044-01	W9004		Wetland			MDNR 2008	II		452069.8	5092200	-93.61879	45.98171	W900400				07010207
1797	649	Mille Lacs	Mille Lacs		48-0002-00			Lake	132516		MPCA 2013	PWRW		450178.1	5121195	-93.64626	46.2425	48000200	Partially Lacs			07010207
423	938	Mille Lacs	Mille Lacs WMA, Headquarters 2 P		48-0044-03	W9004		Wetland	500		MDNR 2008, 13	PWRW		455708.2	5089663	-93.57159	45.95919	W900400				07030004
424	939	Mille Lacs	Mille Lacs WMA, Jones 1 Pool		48-0044-02	W9004		Wetland	520		MDNR 2008, 3	PWRW		454138.3	5091296	-93.592	45.97378	W900400				07030004
426	941	Mille Lacs	Mille Lacs WMA, Olson Pool		48-0074-00	W9004		Wetland	85		MDNR 2008, 2	PWRW		458028.6	5102733	-93.54279	46.076897	W900400				07030004
427	942	Mille Lacs	Mille Lacs WMA, Townhall Pool		48-0078-00	W9004		Wetland	110		MDNR 2008, 3	PWRW		454122.4	5089669	-93.59205	45.959060	W900401				07030004
425	940	Mille Lacs	Millelacs WMA Korsness Pool 1		48-0035-00			Lake	54		MDNR 2008, 35	PWRW		452725.4	5094623	-93.61057	46.003551	W900400				07010207

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Alphabetical by County Name

OBJECTID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	EPA	DOWNUM	WBS_Typ	ACRES	NR2008	REFERENCE	SOURCE	STATUS	LUSTM_X	WUTM_Y	WIDN_DD	WLAT_DD	W	XIDNUM	RIBAL	INT	W	HUCB
428	943	Millie Lacs	Ogechie Lake		48-0014-00			48001400	Lake	732		MDNR 2008, Survey	PWRW		440450.4	5111155	-93.77116	46.15137	48001400	Wholly	Millie Lacs			07010207
429	944	Millie Lacs	Onamia Lake		48-0009-00			48000900	Lake	2250		2007, MDNR 2008, 2010	PWRW		447890.4	5103542	-93.67399	46.08347	48000900	Partially	Millie Lacs			07010207
1798	650	Millie Lacs	Rice	West Fork Groundhouse River	48-0010-00			48001000	Lake	512		MDNR 2008	II		449101	5046764	-93.65293	45.57255	48001000					07010203
1801	653	Millie Lacs	Rum River State Forest Large Pool		48-0077-00	48IMP 002		48007700	Wetland	50		MDNR 2008	II		456231.4	5082553	-93.56419	45.89515	48IMP002					07030004
430	945	Millie Lacs	Shakopee Lake		48-0012-00			48001200	Lake	771		MDNR 2008, Survey	PWRW		444272.3	5106334	-93.7211	46.10831	48001200	Wholly	Millie Lacs			07010207
1800	652	Millie Lacs	Unnamed		48-0047-00			48004700	Lake	25		MPCA 2013	II		454347.5	5084353	-93.58864	45.91123	48004700					07030004
431	946	Millie Lacs	Unnamed (Pool 3)		48-0054-00			48005400	Lake	32	25	MDNR 2008	PWRW		459660.4	5080060	-93.51978	45.87293	48005400					07030004
432	947	Millie Lacs	Unnamed Lake		48-0043-00			48004300	Lake	60	10	MDNR 2008	PWRW		456302.4	5092115	-93.56414	45.98121	48004300					07030004
433	948	Millie Lacs	Unnamed Lake		48-0044-00			48004400	Lake	500		MDNR 2008	II		454774.4	5090971	-93.58376	45.97082	48004400					07030004
434	949	Morrison	Alexander Lake		49-0079-00			49007900	Lake	2590		MDNR APM, MPCA 2013	PWRW		385620.4	5117785	-94.5215	46.20352	49007900					07010108
2312	659	Morrison	Bernhart		49-0135-00			49013500	Lake	39		MDNR 2008	II		382515	5119828	-94.52337	46.21188						07010108
1803	655	Morrison	Cedar		49-0140-00			49014000	Lake	250		MPCA 2013	II		372845.6	5074577	-94.63664	45.81303	49014000					07010201
435	950	Morrison	Coon Lake		49-0020-00			49002000	Lake	75	75	2010	PWRW		414736.3	5082063	-94.0989	45.88685	49002000					07010201
1804	656	Morrison	Crookneck		49-0133-00			49013300	Lake	200		MDNR 2008	II		375805.9	5122431	-94.61101	46.2441	49013300					07010108
436	951	Morrison	Fish Trap Lake		49-0137-00			49013700	Lake	1320		MDNR APM, MPCA 2013, MCBS 2017	PWRW		375277.4	5118854	-94.61692	46.21183	49013700					07010108
1805	657	Morrison	Green Prairie		49-0035-00			49003500	Lake	193		MPCA 2013	II		392336.2	5102444	-94.39211	46.06709	49003500					07010104
26	660	Morrison	Ham		49-0136-00			49013600	Lake	44		MCBS 2017	PWRW		376500.7	5119834	-94.60132	46.22086	49013600					07010108
437	952	Morrison	Hannah Lake		49-0014-00			49001400	Lake	109		MDNR 2008	PWRW		433305.3	5111649	-93.86375	46.15515	49001400					07010301
1806	658	Morrison	Little Elk WMA		07010104-528	W0069 101			Stream			MPCA 2013	II		375195.5	5101923	-94.61353	46.05949	W006910					07010304
438	953	Morrison	Long Lake		49-0015-00			49001500	Lake	128		MDNR 2008, MDNR APM, MCBS 2017	PWRW		431352.4	5111612	-93.88903	46.15463	49001500					07010201
439	954	Morrison	Long Prairie River		07010108-501	49river			Stream			2007	PWRW		375831.7	5131362	-94.61304	46.32445	49river					07010108
1807	659	Morrison	Longs		49-0104-00			49010400	Lake	60		MDNR 2008	II		377493.7	5114518	-94.58708	46.17322	49010400					07010108
1808	660	Morrison	Madaline		49-0101-00			49010100	Lake	50		MDNR 2008	II		376350.4	5115245	-94.60207	46.17955	49010100					07010308
440	955	Morrison	Miller Lake		49-0051-00			49005100	Lake	39	9	MDNR 2008	PWRW		389267.3	5111620	-94.43392	46.14916	49005100					07010104
1810	662	Morrison	Mud		49-0018-00			49001800	Lake	29		MDNR 2008	II		424736.4	5105632	-93.97375	46.10012	49001800					07010201
1809	661	Morrison	Mud		49-0095-00			49009500	Lake	105		MDNR 2008	II		382372.2	5096762	-94.5195	46.01433	49009500					07010104

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Alphabetical by County Name

OBJECT_ID	FILE_NUM	COUNTY_NAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	DOWNLNUM	Wb_Type	ACRES	NR2008S	REFERENCE	SOURCE	STATUS	LIST_X	WATM_X	WATM_Y	WATM_Z	WAT_DD	WAT_DD_W	XIDNUM	IBAL_ID	INTL_W	HUC3	
442	957	Morrison	Mud Lake		49-0027-00		49002700	Lake	23	9	MDNR 2008,		PWRW	404212.4	5085568	-94.23521	45.91701	49002700					07010201	
441	956	Morrison	Mud Lake		49-0072-00		49007200	Lake	83	5	MDNR 2008		PWRW	384260.4	5118902	-94.50052	45.21385	49007200						07010108
443	958	Morrison	Peavy Lake		49-0005-00		49000500	Lake	140		2007, MDNR		PWRW	432003.4	5109156	-93.88025	46.13259	49000500						07010201
444	959	Morrison	Pelkey Lake		49-0030-00		49003000	Lake	113	10	2013	UofM/MPCA	PWRW	404890.3	5093872	-94.22812	45.99182	49003000						07010201
1811	663	Morrison	Pierz		49-0024-00		49002400	Lake	186		MPCA 2013,		II	410920.3	5090800	-94.1457	45.96499	49002400						07010201
1812	664	Morrison	Pine		49-0081-00		49008100	Lake	197		MPCA 2013,		II	373187.4	5076569	-94.63277	45.83102	49008100						07010104
445	960	Morrison	Placid Lake		49-0080-00		49008000	Lake	537		2007, MDNR		PWRW	382873.4	5129202	-94.52105	46.30627	49008000						07010106
446 1	961	Morrison	Platte River		07010201-507	49r2		Stream			MDNR 2008,		PWRW	406225.9	5088726	-94.20987	45.9457	49r2						07010201
447	962	Morrison	Popple Lake		49-0033-00		49003300	Lake	153		MDNR 2008		II	398627.3	5090659	-94.30829	45.96201	49003300						07010201
448	963	Morrison	Rice Creek		07010201-618	49r1		Stream			MDNR 2008,		PWRW	404358.6	5088903	-94.23399	45.94703	49r1						07010201
449	964	Morrison	Rice Lake		49-0025-00		49002500	Lake	323	250	2010	Survey	PWRW	404128.4	5088074	-94.23679	45.99954	49002500						07010201
450	965	Morrison	Round Lake		49-0019-00		49001900	Lake	134	14	MDNR 2008		PWRW	424837.4	5111855	-93.97943	46.15613	49001900						07010201
451	966	Morrison	Shamaineau Lake		49-0127-00		49012700	Lake	1453		MDNR APM,		PWRW	376336.4	5123582	-94.60444	46.25455	49012700						07010108
1813	665	Morrison	Skunk		49-0007-00		49000700	Lake	32		MPCA 2013		II	432891.8	5107925	-93.86858	46.1216	49000700						07010201
452	967	Morrison	Skunk Lake		49-0026-00		49002600	Lake	320	256	2010	MDNR APM,	PWRW	404936.3	5086555	-94.22607	45.92599	49002600						07010201
1814	666	Morrison	Stanchfield		49-0118-00		49011800	Lake	145		MPCA 2013,		II	381329.9	5124962	-94.54002	46.26786	49011800						07010106
1188	968	Morrison	Sullivan Lake		49-0016-00		49001600	Lake	1199	20	MDNR 2008,		PWRW	427287.4	5109609	-93.94136	46.13618	49001600						07010301
1815	667	Morrison	Sylvan		49-0036-00		49003600	Lake	260		MDNR APM,		II	395290.2	5129052	-94.38579	46.30665	49003600						07010106
1189	969	Morrison	Twelve Lake		49-0006-00		49000600	Lake	159	80	2010	MDNR 2008,	PWRW	436618.4	5109315	-93.82053	46.13447	49000600						07010207
1816	668	Nicollet	Rice		52-0033-00		52003300	Lake	118		MDNR 2008		II	406546.9	4922948	-94.17461	44.4538	52003300						07020012
1817	669	Nicollet	Swan		52-0034-00		52003400	Lake	9346		MPCA 2013		II	401542.4	4904776	-94.23406	44.28957	52003400						07030007
1190	970	Otter Tail	Amor (Mud) Lake		56-0381-00		56038100	Lake	260		MDNR 2008		II	287795.3	5146801	-95.76262	46.44141	56038100						09020103
1818	670	Otter Tail	Bear		56-0069-00		56006900	Lake	217		MPCA 2013		II	316349.7	5172914	-95.40158	46.66457	56006900						07010107
1191	971	Otter Tail	Beauty Shore Lake		56-0195-00		56019500	Lake	233		MDNR 2008		II	298119.4	5133052	-95.62243	46.32097	56019500						09020103
1819	671	Otter Tail	Beers		56-0724-00		56072400	Lake	255		MPCA 2013		II	274681.2	5155683	-95.95742	46.51698	56072400						09020103
2313		Otter Tail	Berger		56-1149-00		56114900	Lake	190		MDNR 2008,		PWRW	290111.1	5162915	-95.75978	46.58698							09020103
1192	972	Otter Tail	Big Pine Lake		56-0130-00		56013000	Lake	4726		MDNR APM		PWRW	308078.3	5165669	-95.50663	46.61712	56013000						09020103
1193	973	Otter Tail	Boedigheimer Lake		56-0212-00		56021200	Lake	169		MPCA 2013		PWRW	301181.3	5154561	-95.59185	46.51524	56021200						09020103

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OBJECTID	Site_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	DOWNUM	MWB_Typ	ACRES	NR2008ES	REFERENCE_SOUR	STATUS	LIST	JTM_X	WBJTM_Y	WIDN_DD	W_AT_DD	XIDNUM	RIBAL	INT	HUCB
2321		Otter Tail	Bolton Lake		56-0318-00		56031800	Lake	41		MDNR APM	PWRW		2911266.4	5156753	-95.72195	46.53195				09020103
1194	974	Otter Tail	Bray Lake		56-0472-00		56047200	Lake	142		UoFM/MPCA 2013	PWRW		279025.4	5148016	-95.87721	46.44951	56047200			09020103
1820	672	Otter Tail	Brown		56-0315-00		56031500	Lake	164		MPCA 2013	II		287534.8	5139165	-95.76254	46.37268	56031500			09020103
1821	673	Otter Tail	Clear		56-0559-00		56055900	Lake	378		MPCA 2013	II		275478.2	5113532	-95.90689	46.13833	56055900			07020002
2322		Otter Tail	Crane Lake		56-0293-00		56029300	Lake	350		MDNR APM	PWRW		94600.1	5121401	-95.66502	46.21516				09020103
1195	975	Otter Tail	Crystal Lake		56-0749-00		56074900	Lake	1412		MDNR APM	PWRW		274087.4	5166629	-95.95049	46.61516	56074900			09020103
1822	674	Otter Tail	Davies		56-0311-00		56031100	Lake	69		MDNR 2008, MDNR APM	II		292136.8	5147329	-95.7064	46.4475	56031100			09020103
1196	976	Otter Tail	Dead Lake		56-0383-00		56038300	Lake	7827		MDNR 2008, MDNR APM	PWRW		288053.3	5150612	-95.761	46.47574	56038300			09020103
1197	977	Otter Tail	Deer Lake		56-0298-00		56029800	Lake	468		MDNR APM, MPCA 2013	PWRW		287035.3	5137701	-95.76836	46.35937	56029800			09020103
1199	979	Otter Tail	Depressional Wetland		56-1554-00	Field		Wetland			MPCA_BioMon	PWRW		272548.1	5156094	-95.9654	46.51996	Field			09020103
1824	676	Otter Tail	Duck		56-0925-00		56092500	Lake	41		MDNR 2008, Survey	PWRW		264361.7	5177346	-96.0828	46.70811	56092500			09020103
1823	675	Otter Tail	Duck		56-0483-00		56048300	Lake	96		MPCA 2013	II		281464.7	5148832	-95.84589	46.45764	56048300			09020103
1825	677	Otter Tail	East Annalaide		56-0001-00		56000100	Lake	97		MPCA 2013	II		334018.9	5115266	-95.15021	46.17074	56000100			07010107
1200	980	Otter Tail	East Battle Lake		56-0138-00		56013800	Lake	1985		MDNR APM	PWRW		305185.3	5130945	-95.52987	46.30409	56013800			09020103
1201	981	Otter Tail	East Leaf Lake		56-0116-02		56011602	Lake	423		MDNR APM, MPCA 2013	PWRW		313131.3	5141274	-95.43089	46.39919	56011602			07010107
1202	982	Otter Tail	East Lost Lake		56-0378-00		56037800	Lake	505		MDNR APM, MPCA 2013	PWRW		284481.4	5137375	-95.80137	46.35562	56037800			09020103
1203	983	Otter Tail	East Red River Lake		56-0573-00		56057300	Lake	292		MDNR 2008, Survey	PWRW		275742.4	5141512	-95.91679	46.38997	56057300			09020103
1198	978	Otter Tail	East Wing Pond	Depressional	56-1787-00	07Otter 140	56178700	Wetland	7		MPCA_BioMon	PWRW		299674.7	5123787	-95.59831	46.23812	07Otter 140			09020103
1826	678	Otter Tail	Elbow	Wetland	56-0306-00		56030600	Lake	193		MPCA 2013	II		288305.1	5130249	-95.74851	46.29277	56030600			09020103
1827	679	Otter Tail	Ellingson		56-0178-00		56017800	Lake	158		MPCA 2013	II		301564.4	5124693	-95.5742	46.24682	56017800			09020103
1204	984	Otter Tail	Emma Lake		56-0194-00		56019400	Lake	473		MDNR 2008, Survey	PWRW		296767.3	5134759	-95.64072	46.33591	56019400			09020103
1205	985	Otter Tail	Fish Lake		56-0768-00		56076800	Lake			MDNR APM	PWRW		270432.4	5173870	-96.00176	46.67899	56076800			09020103
1828	680	Otter Tail	Fiadmark		56-0727-00		56072700	Lake	55		MPCA 2013	II		275687.3	5153991	-95.92351	46.50211	56072700			09020103
1206	986	Otter Tail	Fogard Lake		56-0571-00		56057100	Lake			MDNR APM	PWRW		276665.4	5144847	-95.90664	46.42025	56057100			09020103
1829	681	Otter Tail	Gourd		56-0139-00		56013900	Lake	986		MDNR 2008, Survey	PWRW		303244.3	5139037	-95.55844	46.37628	56013900			07010107
1832	684	Otter Tail	Grass		56-0723-00		56072300	Lake	37		MDNR 2008	II		273164.8	5155075	-95.95687	46.51101	56072300			09020103
1830	682	Otter Tail	Grass		56-0115-00		56011500	Lake	81		MDNR 2008, Survey	PWRW		306305.7	5141973	-95.51989	46.40356	56011500			07010107
1831	683	Otter Tail	Grass		56-0717-00		56071700	Lake	72		MDNR 2008	II		273975.2	5156538	-95.94703	46.52443	56071700			09020103
1833	685	Otter Tail	Gray		56-0953-00		56095300	Lake	92		MPCA 2013	II		295441.4	5176127	-95.67614	46.70739	56095300			09020103
1207	987	Otter Tail	Head Lake		56-0213-00		56021300	Lake	499		MDNR 2008, MDNR APM	PWRW		299469.3	5151265	-95.61273	46.48511	56021300			09020103
1208	988	Otter Tail	Heilberger Lake		56-0695-00		56069500	Lake	212		MDNR APM, MPCA 2013	PWRW		273274.4	5146335	-95.95119	46.4325	56069500			09020103

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MPCA_WR_DEV_Excerpt

Alphabetical by County Name

OBJECTID	File Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	II_SITE	DOWNUM	WB_Type	ACRES	NR2008BEST	REFERENCE	SOURCE	STATUS	LIST	JTM_X	WB_JTM_Y	WID_DD_W	AT_DD_W	XIDNUM	IBAL	INT	al_W	HUCB
1209	989	Otter Tail	Hoffman Lake		56-1627-00		56162700	Lake	157		MDNR APM	PWRW			285475.3	5163050	-95.80029	46.58673	56162700				09020103
1210	990	Otter Tail	Hoot Lake		56-0782-00		56078200	Lake	158		MDNR APM, MPCA 2013	PWRW			266495.4	5132398	-96.03236	46.30493	56078200				09020103
1211	991	Otter Tail	Jim Lake		56-0364-00		56036400	Lake	100		MCBS 2011, MPCA 2013	PWRW			292338.3	5172514	-95.71506	46.67396	56036400				09020103
1212	992	Otter Tail	Lake Sixteen		56-0100-00		56010000	Lake	107		2007, MDNR 2008, 2010	PWRW			309057.4	5123863	-95.47676	46.24151	56010000				09020103
1834	686	Otter Tail	Leek (Trowbridge)		56-0532-00		56053200	Lake	640		MPCA 2013	II			281661.9	5174202	-95.85527	46.68574	56053200				09020103
1213	993	Otter Tail	Lida North Lake		56-0747-01		56074701	Lake	73		MDNR APM, MPCA 2013	PWRW			272480.3	5162884	-95.96961	46.58096	56074701				09020103
1835	687	Otter Tail	Little McDonald		56-0328-00		56032800	Lake	1506		MDNR 2008	II			292841.4	5165429	-95.70531	46.61043	56032800				09020103
2323		Otter Tail	Lizzie Lake		56-0760-01		56076001	Lake	1900		MDNR APM	PWRW			728509.3	5169744	-96.0141	46.64227					09020103
1836	688	Otter Tail	Long		56-0210-00		56021000	Lake	1098		MDNR 2008, Survey	PWRW			297652.6	5147545	-95.69476	46.45112	56021000				09020103
1215	995	Otter Tail	Long Lake		56-0784-00		56078400	Lake	745		MDNR APM	PWRW			265381.4	5146386	-96.05381	46.43026	56078400				09020103
1214	994	Otter Tail	Long Lake		56-0388-00		56038800	Lake	1400		MDNR APM	PWRW			291144.4	5170135	-95.72957	46.6522	56038800				09020103
1216	996	Otter Tail	Maria Lake		56-0498-00		56049800	Lake	48		20 MPCA 2013	PWRW			280850.4	5150254	-95.85454	46.47022	56049800				09020103
1217	997	Otter Tail	Marion Lake		56-0243-00		56024300	Lake	13845		MDNR APM	PWRW			297219.4	5156271	-95.64419	46.52944	56024300				09020103
1218	998	Otter Tail	Middle Leaf Lake		56-0116-01		56011601	Lake	404		MDNR APM	PWRW			311476.4	5141768	-95.45226	46.40318	56011601				07010107
1839	691	Otter Tail	Mud		56-0484-00		56048400	Lake	585		MPCA 2013	II			279018.6	5149134	-95.87784	46.45956	56048400				09020103
1838	690	Otter Tail	Mud		56-0222-00		56022200	Lake	437		MDNR 2008, Survey	PWRW			301879.5	5166848	-95.58801	46.62591	56022200				09020103
1840	692	Otter Tail	Mud		56-0132-00		56013200	Lake	155		MDNR 2008	II			312574.7	5173432	-95.45111	46.68818	56013200				07010107
1837	689	Otter Tail	Mud		56-1148-00		56114800	Lake	134		MDNR 2008	II			289362.3	5162071	-95.74916	46.57916	56114800				09020103
1842	694	Otter Tail	Mud (McGowan)		56-0215-00		56021500	Lake	138		MDNR 2008	II			302053.2	5149635	-95.5784	46.47121	56021500				09020103
1843	695	Otter Tail	Murphy		56-0229-00		56022900	Lake	358		MPCA 2013	II			296923.4	5176547	-95.65696	46.71162	56022900				09020103
1844	696	Otter Tail	Nitche		56-0126-00		56012600	Lake	72		MPCA 2013	II			310618.7	5163971	-95.47279	46.60257	56012600				09020103
1845	697	Otter Tail	North Maple		56-0013-00		56001300	Lake	161		MDNR 2008, Survey	PWRW			327847.2	5117474	-95.2309	46.18907	56001300				07010107
1846	698	Otter Tail	North Rice		56-0349-00		56034900	Lake	103		MDNR 2008	II			290860.5	5160023	-95.72871	46.56122	56034900				09020103
1219	999	Otter Tail	North Turtle Lake		56-0379-00		56037900	Lake	1603		MDNR APM	PWRW			284066.3	5131718	-95.80415	46.30464	56037900				07020002
1847	699	Otter Tail	Orwell		56-0945-00		56094500	Lake	396		MPCA 2013	II			256392.3	5123178	-96.1586	46.21852	56094500				09020103
2325		Otter Tail	Otter Tail Lake		56-0242-00		56024200	Lake	14074		MDNR APM	PWRW			295397.9	5141837	-95.66158	46.39912					09020103
2324		Otter Tail	Otter Tail River		09020103-541			Stream			MDNR APM	PWRW			301615.3	5145249	-95.58224	46.43165					09020103
1220	1000	Otter Tail	Ottertail River		09020103-570	56-1		Stream	0		2007, MDNR 2008, 2010, MDNR APM	PWRW			267132	5134787	-96.02529	46.32662	56-1				09020103
1848	700	Otter Tail	Paul		56-0335-00		56033500	Lake	334		MPCA 2013	II			293241.7	5163863	-95.69939	46.59647	56033500				09020103
1221	1001	Otter Tail	Pelican Lake		56-0786-00		56078600	Lake	4314		MDNR APM, MPCA 2013	PWRW			269127.3	5176088	-96.01991	46.69848	56078600				09020103
1849	701	Otter Tail	Peterson		56-0471-00		56047100	Lake	141		MDNR 2008	II			281727.3	5147063	-95.84164	46.44182	56047100				09020103

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Alphabetical by County Name

OBJECTID	File_Num	COUNTYNAME	NAME	AUT_NAME	MPCA_WID	IT_SITE	EDGE	DOWNUM	W_B_Typ	ACRES	NR2008BES	REFERENCE_SOUR	STATUS	USDTM_X	WEUTM_Y	WHDN_DD_W	AT_DD_W	XIDNUM	UBAL	INT	al_W	HUC8
1850	702	Otter Tail	Portage	56-0140-00				56014000	Lake	289		MPCA 2013	II	305548.9	514957.2	-95.53039	46.41772	56014000				07010107
1851	703	Otter Tail	Rankle	56-0935-00				56093500	Lake	57		MDNR 2008	II	258408.1	5172536	-96.15805	46.66278	56093500				09020106
1222	1002	Otter Tail	Red River Lake	56-0711-00				56071100	Lake	330		MPCA 2013	PWRW	268747.4	5141414	-96.0076	46.38674	56071100				09020103
1852	704	Otter Tail	Reed	56-0876-00				56087600	Lake	155		MDNR 2008	II	262503.5	5146791	-96.09142	46.49389	56087600				09020103
1952	705	Otter Tail	Rice	56-0702-00				56070200	Lake	26		MDNR 2008	II	270264.6	5145296	-95.9898	46.42214	56070200				09020103
1951	705	Otter Tail	Rice	56-0006-00				56000600	Lake	6		MDNR 2008	II	328447.2	5114552	-95.22207	46.16294	56000600				07010107
1223	1003	Otter Tail	Rice Lake	56-0363-00				56036300	Lake	350		MDNR 2008, Survey	PWRW	293524.4	5172617	-95.69961	46.67525	56036300				09020103
1224	1004	Otter Tail	Rice Lake	56-0211-00				56021100	Lake	263		MDNR 2008, Survey	PWRW	299349.4	5154596	-95.61572	46.51501	56021100				09020103
1953	707	Otter Tail	Rose	56-0620-00				56062000	Lake	107		MPCA 2013	II	270765.4	5119737	-95.97083	46.19259	56062000				07020002
1225	1005	Otter Tail	Rose Lake	56-0360-00				56036000	Lake	1177		MDNR 2008, Survey	PWRW	290585.3	5172331	-95.73787	46.67177	56036000				09020103
1954	708	Otter Tail	Rusch	56-1641-00				56164100	Lake	100		MPCA 2013	II	292083.8	5163833	-95.71447	46.59584	56164100				09020103
1226	1006	Otter Tail	Rush Lake	56-0141-00				56014100	Lake	5940		MDNR 2008, Survey	PWRW	305912.4	5151314	-95.52888	46.48743	56014100				09020103
1227	1007	Otter Tail	Scalp Lake	56-0358-00				56035800	Lake	244		MDNR 2008, Survey	PWRW	287502.4	5174881	-95.77793	46.69372	56035800				09020103
1955	709	Otter Tail	Sharp	56-0482-00				56048200	Lake	160		MDNR 2008	II	281692.5	5139710	-95.83866	46.37572	56048200				09020103
1956	710	Otter Tail	Snow	56-0110-00				56011000	Lake	72		MPCA 2013	II	310738.8	5119401	-95.45318	46.20186	56011000				07010107
1957	711	Otter Tail	South Maple	56-0004-00				56000400	Lake	160		MDNR 2008, Survey	PWRW	327506.7	5116182	-95.23484	46.17736	56000400				07010107
1958	712	Otter Tail	South Rice	56-0352-00				56035200	Lake	121		MDNR 2008	II	289998.6	5158459	-95.73923	46.54689	56035200				09020103
1228	1008	Otter Tail	South Turtle Lake	56-0377-00				56037700	Lake	743		MDNR 2008, Survey	PWRW	283975.4	5128792	-95.80399	46.27831	56037700				07020002
1229	1009	Otter Tail	Spitzer	56-0160-00				56016000	Lake	756		MDNR 2008, Survey	PWRW	297154.3	5114291	-95.62689	46.152	56016000				07020002
1230	1010	Otter Tail	Stalker Lake	56-0437-00				56043700	Lake	1357		MDNR 2008, Survey	PWRW	281779.3	5121053	-95.82888	46.20804	56043700				07020002
1231	1011	Otter Tail	Star Lake	56-0385-00				56038500	Lake	4809		2007, MDNR 2008, 2010, Survey	PWRW	284056.4	5155706	-95.81537	46.52027	56038500		Partial		09020103
1232	1012	Otter Tail	Stuart	56-0191-00				56019100	Lake	747		MDNR 2008, Survey	PWRW	301121.4	5127941	-95.58192	46.27259	56019100				09020103
1959	713	Otter Tail	Sybil	56-0387-00				56038700	Lake	654		MPCA 2013	II	286913.1	5167359	-95.78352	46.62592	56038700				09020103
1960	714	Otter Tail	Tamarack	56-0433-00				56043300	Lake	470		MDNR 2008, Survey	PWRW	283469.3	5124112	-95.8084	46.23608	56043300				07020002
1961	715	Otter Tail	Tamarack	56-0192-00				56019200	Lake	440		MDNR 2008, Uefm/MPCA 2013	PWRW	301852.3	5137172	-95.57573	46.3591	56019200				07010107
1962	716	Otter Tail	Ten Mile	56-0613-00				56061300	Lake	1445		MPCA 2013	II	270815.4	5112295	-95.96658	46.12572	56061300				07020002
1973	727	Otter Tail	Unnamed	56-1578-00				56157800	Lake	29		MDNR 2008	II	260780.7	5150984	-96.11596	46.46996	56157800				09020103
1974	728	Otter Tail	Unnamed	56-1259-00				56125900	Lake	12		MDNR 2008	II	301644.6	5110996	-95.56742	46.1237	56125900				07020005
1975	729	Otter Tail	Unnamed	56-1550-00				56155000	Lake	14		MDNR 2008	II	280719.9	5150949	-95.85657	46.47643	56155000				09020103

Alphabetical by County Name

OBJECTID	File Num	COUNTYNAME	ALT_NAME	MPCA_WID	T_SITE	Erig	DOWE(KNUM)	Wb_Type	ACRES	NR2008ES	REFERENCE	SOUR	STATUS	US	UTM_X	W	UTM_Y	WIDN	DO	W	AT	DO	W	XIDNUM	HUC3
1972	716	Otter Tail	Unnamed	56-1273-00			56127300	Lake	126		MDNR 2008	II			306145	5125823	-95.51531	46.25831	56127300					09020103	
1963	717	Otter Tail	Unnamed	56-0094-00			56009400	Lake	23		MPCA 2013	II			310959.1	5118834	-95.4501	46.19682	56009400					07010107	
1964	718	Otter Tail	Unnamed	56-1517-00			56151700	Lake	23		MDNR 2008	II			278382.2	5145816	-95.88454	46.42952	56151700					09020103	
1965	719	Otter Tail	Unnamed	56-0284-00			56028400	Lake	83		MDNR 2008	II			295498.9	5127348	-95.67988	46.26829	56028400					09020103	
1966	720	Otter Tail	Unnamed	56-0927-00			56092700	Lake	35		MDNR 2008, Survey	PWRW			260296.1	5176986	-96.13571	46.70326	56092700					09020103	
1967	721	Otter Tail	Unnamed	56-1031-00			56103100	Lake	35		MPCA 2013	II			256780.5	5167237	-96.1765	46.61458	56103100					09020106	
1968	722	Otter Tail	Unnamed	56-0198-00			56019800	Lake	69		MDNR 2008	II			300591	5147272	-95.59642	46.44954	56019800					09020103	
1969	723	Otter Tail	Unnamed	56-0101-00			56010100	Lake	14		MPCA 2013	II			306502.9	5123509	-95.50972	46.2376	56010100					09020103	
1971	725	Otter Tail	Unnamed	56-0143-00			56014300	Lake	31		MPCA 2013	II			305917.5	5166942	-95.53536	46.62794	56014300					09020103	
			Unnamed																						
			(Beaver Pond Lake)																						
1970	724	Otter Tail		56-1126-00			56112600	Lake	28		MPCA 2013	II			294320.6	5134950	-95.67256	46.33688	56112600					09020103	
			Unnamed																						
1233	1013	Otter Tail	(Cemetery) Lake	56-0024-00			56002400	Lake	45		MDNR APM	PWRW			322706.4	5114521	-95.29636	46.16119	56002400					07010107	
1976	730	Otter Tail	Unnamed	56-1083-00			56108300	Lake	198		MDNR 2008	II			291049.9	5110143	-95.70403	46.11287	56108300					07020002	
1977	731	Otter Tail	Unnamed (Olson)	56-0436-00			56043600	Lake	42		MPCA 2013	II			283311.8	5122143	-95.80954	46.21833	56043600					07020002	
1234	1014	Otter Tail	Walker Lake	56-0310-00			56031000	Lake	694		MDNR APM	PWRW			294311.4	5145937	-95.67751	46.43566	56031000					09020103	
			West Battle Lake	56-0239-00			56023900	Lake	5565		MDNR 2008, UofM/MPCA 2013	PWRW			295261.4	5129759	-95.68402	46.2899	56023900					09020103	
1236	1016	Otter Tail	West Leaf Lake	56-0114-00			56011400	Lake	729		MDNR APM, MPCA 2013	PWRW			309419.3	5142400	-95.47959	46.40828	56011400					07010107	
1237	1017	Otter Tail	West Lost Lake	56-0481-00			56048100	Lake	915		MDNR 2008, MDNR APM	PWRW			278490.4	5140750	-95.88074	46.38403	56048100					09020103	
1978	732	Otter Tail	West Silent	56-0519-00			56051900	Lake	340		MPCA 2013, MDNR APM	PWRW			278818.8	5159006	-95.88514	46.54822	56051900					09020103	
1979	733	Otter Tail	Wing River	56-0043-00			56004300	Lake	138		MDNR 2008, Survey	PWRW			323358.6	5123950	-95.29144	46.24616	56004300					07010107	
1238	1018	Otter Tail	Wright Lake	56-0783-00			56078300	Lake	69		MDNR APM	PWRW			266744.4	5131302	-96.02859	46.29517	56078300					09020103	
1980	734	Otter Tail	Zorns	56-0497-00			56049700	Lake	49		MPCA 2013	II			279975.8	5151453	-95.86649	46.48071	56049700					09020103	
1239	1019	Otter Tail	East Loon Lake	56-0523-00			56052300	Lake	1073		MDNR APM, MPCA 2013	PWRW			282922.3	5166734	-95.8353	46.61902	56052300					09020103	
1240	1020	Pennington	Clearwater River	09020305-647				Stream			UofM/MPCA 2013	PWRW			299114.5	5312788	-95.68981	47.93671	5002-121					09020305	
			Red Lake River																						
1981	735	Pennington	Reservoir	57-0051-00			57005100	Lake	75		MPCA 2013	II			264011.1	5334704	-96.17123	48.12181	57005100					09020303	
1982	736	Pine	Close	58-0071-00			58007100	Lake	34		MPCA 2013	II			516117.6	5136358	-92.79041	46.3806	58007100					07030003	
1241	1021	Pine	Crooked Lake	58-0026-00			58002600	Lake	94	85	2008, MDNR 2010	PWRW			534847.4	5107509	-92.54898	46.12027	58002600					07030001	
1983	737	Pine	Fox	58-0102-00			58010200	Lake	200		MDNR 2008, Survey	PWRW			508254.1	5128774	-92.8928	46.31249	58010200					07030003	
1984	738	Pine	Grace	58-0029-00			58002900	Lake	78		MPCA 2013	II			542222.1	5102525	-92.44105	46.07493	58002900					07030001	

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Alphabetical by County Name

PROJECT_ID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE_Eng	DOWNUM	WB_Type	ACRES	NR2008EST	REFERENCE_SOURCE	TSTATUS	LUSUTM_X	WUTM_Y	WLONG_DD	WLAT_DD	WIDNUM	RIBAL_ID	INTL_W	HUC8
1985	739	Pine	Grass		58-00125-00		58012500	Lake	84		MDNR 2008	II	502316.4	5112389	-92.97	46.16507	58012500			07030003
1986	740	Pine	Greigs		58-00113-00		58001300	Lake	58		MPCA 2013	II	540835.8	5100044	-92.47212	46.05275	58001300			07030001
1242.1	1022	Pine	Grindstone River (SF)		07030003-516	96SC063		Stream			MPCA_BioMon	PWRW	497352.8	5098284	-93.03421	46.03813	96SC063			07030003
1243.1	1023	Pine	Hay Creek		07030001-511	58river		Stream			2007	PWRW	545658	5103540	-92.40946	46.08391	58river			07030001
1244	1024	Pine	Hay Creek Flowage		58-0005-00		58000500	Lake	66	40	MDNR 2008, 2010, UofM/MPCA	PWRW	546366.4	5105175	-92.40013	46.09858	58000500			07030001
43		Pine	Kettle River		07030003-502	KettleR_58		Stream			MDNR 2008, Survey	PWRW	513848.4	5089481	-92.82129	45.95876	KettleR_58			07030003
1246	1026	Pine	Little Island Lake		58-0061-00		58006100	Lake	36		1854 List, MPCA 2013	PWRW	520675.4	5139620	-92.73099	46.40984	58006100			07030003
1987	741	Pine	Little Mud		58-0106-00		58010600	Lake	19		MPCA 2013	II	510095.2	5125939	-92.86895	46.28695	58010600			07030003
1247	1027	Pine	Little North Sturgeon Lake		58-0066-00		58006600	Lake	20		MDNR 2008, 1854 List	PWRW	517202.4	5137236	-92.77627	46.38848	58006600			07030003
1988	742	Pine	Little Tamarack		58-0028-00		58002800	Lake	58		MPCA 2013	II	538642	5103199	-92.50023	46.08127	58002800			07030001
1989	743	Pine	McCormick		58-0058-00		58005800	Lake	61		MDNR 2008, Survey	PWRW	516257.2	5129484	-92.78883	46.31874	58005800			07030003
1248	1028	Pine	Mission Creek		07030004-547	5001-646		Stream			UofM/MPCA 2013	PWRW	499891.6	5078728	-93.0014	45.86212	5001-646			07030004
1250	1030	Pine	Net Lake		58-0038-00		58003800	Lake	138		MDNR APM, 1854 List, MPCA 2013	PWRW	542271.4	5140272	-92.44996	46.4147	58003800			04010301
1990	744	Pine	Oak		58-0048-00		58004800	Lake	444		MPCA 2013	II	531170	5137168	-92.59462	46.38737	58004800			07030003
1991	745	Pine	Olive		58-0044-00		58004400	Lake	12		MPCA 2013	II	529626.6	5095616	-92.61729	46.01348	58004400			07030001
1251	1031	Pine	Pokegama Creek		07030004-533	58r5		Stream	0		2007, MDNR 2008	PWRW	496748.2	5079302	-93.0419	45.86728	58r5			07030004
1255	1035	Pine	Pokegama Creek (Pokegama River)		07030004-533	Yacht-B		Riparian, stream wetland			MPCA_BioMon	PWRW	496561.4	5079639	-93.0443	45.87031	Yacht-B			07030004
1254	1034	Pine	Pokegama Creek (Pokegama River)		07030004-533	Yacht		Riparian wetland			MPCA_BioMon	PWRW	496437.4	5079672	-93.0459	45.8706	Yacht			07030004
1252	1032	Pine	Pokegama Lake		58-0142-00		58014200	Lake	1621	16	MDNR 2008, MDNR APM	PWRW	496881.4	5076799	-93.04016	45.84475	58014200			07030004
1253	1033	Pine	Riparian, stream wetland		07030001-549	09Pine142		Wetland			MPCA_BioMon	PWRW	521556.1	5090360	-92.72178	45.96647	09Pine142			07030001
1992	746	Pine	Sand		58-0081-00		58008100	Lake	575		MPCA 2013	II	516896.2	5140645	-92.78013	46.41917	58008100			07030003
1256.1	1036	Pine	Snake River		07030004-587	58r4		Stream	0		2007	II	517979.4	5074520	-92.76854	45.82401	58r4			07030004
1257	1037	Pine	Snake River Bay		07030004-503	58000000		Stream			MDNR APM	PWRW	497317.7	5073833	-93.03453	45.81805	58000000			07030004

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Alphabetical by County Name

OBJECTID	FILE Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	EGG	DOWN	NUM	TYPE	ACRES	NR2008ES	REFERENCE	SOURCE	TATUS	LIST	X_W	Y_W	DOWN	DD	W_LAT	DD	W	XIDNUM	IBAL	id	INT	al	W	HUC3
1258	1038	Pine	Stanton Lake		58-0111-00			58011100	Lake	84		MDNR 2008,	MDNR 2008,	PWRW	II	512996.4	5130172	-92.83117	46.325	58011100									07030003	
1993	747	Pine	Sturgeon		58-0067-00			58006700	Lake	1456		MPCA 2013	MPCA 2013	II	518682.5	5136158	-92.75706	46.37874	58006700										07030003	
1994	748	Pine	Unnamed		58-0170-00			58017000	Lake	70		MPCA 2013	MPCA 2013	II	516065.5	5078346	-92.79305	45.85849	58017000										07030001	
1259	1	1039	Willow River		07030003-504	58r1			Stream			2007, MDNR	2007, MDNR	PWRW	II	521820.4	5132158	-92.71644	46.34265	58r1									07030003	
2335		Pine	Big Pine		58-0138-00			58013800	Lake	399		MDNR 2008,	MDNR 2008,	II	496268.5	5117130	-93.04747	46.20834	58013800										07030003	
2333		Pine	Cedar		58-0089-00			58008900	Lake	71		Survey	Survey	PWRW	II	511180	5085119	-92.8566	45.91674	58008900										07030003
2336		Pine	Passenger		58-0076-00			58007600	Lake	75		MDNR 2008	MDNR 2008	II	518205.3	5132540	-92.76365	46.34565	58007600											07030003
2337		Pine	Rush		58-0078-00			58007800	Lake	88		MDNR 2008	MDNR 2008	II	517852.3	5133802	-92.7703	46.35695	58007800											07030003
1260	1040	Polk	Bee Lake		60-0192-00			60019200	Lake	116		UofM/MPCA	UofM/MPCA	PWRW	II	271066.4	5282701	-96.04899	47.65716	60019200									09020305	
27		Polk	Cross		60-0027-00			60002700	Lake	320		MCBS 2017	MCBS 2017	II	301948.6	5278173	-95.63613	47.62666	60002700										09020305	
1261	1041	Polk	Eighteen Lake		60-0199-00			60019900	Lake	79		UofM/MPCA	UofM/MPCA	PWRW	II	270504.4	5280669	-96.05539	47.63871	60019900									09020305	
1262	1	1042	Hill River		09020305-539	14RD2			Stream			MPCA_BioMon	MPCA_BioMon	II	289150.5	5291979	-95.81294	47.74669	14RD253											09020305
1263	1	1043	Poplar River		09020305-518	14RD2			Stream			MPCA_BioMon	MPCA_BioMon	II	298134.4	5274264	-95.68504	47.59035	14RD218											09020305
28		Polk	Spring		60-0012-00			60001200	Lake	130		MCBS 2017	MCBS 2017	II	301502.3	5265397	-95.63629	47.51169	60001200											09020305
1995	749	Polk	Union		60-0217-00			60021700	Lake	910		MPCA 2013	MPCA 2013	II	270027	5276815	-96.05972	47.60391	60021700											09020301
1996	750	Polk	Unnamed (Leo)		60-0220-00			60022000	Lake	34		MPCA 2013	MPCA 2013	II	269424.6	5279986	-96.06939	47.63219	60022000											09020305
1264	1044	Polk	Unnamed (Round) Lake		60-0721-00			60072100	Lake	9		2 MDNR 2008	2 MDNR 2008	PWRW	II	267695.3	5283893	-96.09445	47.66668	60072100										09020305
1997	751	Polk	Unnamed (Tamarack)		60-0247-00			60024700	Lake	92		MPCA 2013	MPCA 2013	II	266971.7	5283797	-96.10402	47.66555	60024700											09020305
1998	752	Pope	East Johanna (Rocky Mountain)		61-0002-00			61000200	Lake	98		MPCA 2013	MPCA 2013	II	329343.6	5031406	-95.18109	45.41535	61000200											07020005
1999	753	Pope	Emily		61-0180-00			61018000	Lake	2164		MPCA 2013	MPCA 2013	II	291939.6	5043572	-95.66382	45.51461	61018000											07020005
2000	754	Pope	Gilchrist		61-0072-00			61007200	Lake	330		UofM/MPCA	UofM/MPCA	II	315545.5	5038015	-95.35977	45.47128	61007200											07020005
1265	1045	Pope	Grove Lake		61-0023-00			61002300	Lake	345		MDNR APM,	MDNR APM,	PWRW	II	329210.4	5051908	-95.18994	45.59972	61002300										07010204
12		Pope	Rasmuson		61-0086-00			61008600	Lake	138		MPCA 2013	MPCA 2013	II	305726.8	5035137	-95.48413	45.44274	61008600											07020005
2001	755	Pope	Rice		61-0069-00			61006900	Lake	191		MDNR 2008	MDNR 2008	II	320361.7	5065116	-95.30819	45.71628	61006900											07020005
1266	1046	Pope	Signalness Lake	Mountain	61-0149-00			61014900	Lake	41		MDNR APM,	MDNR APM,	PWRW	II	303056.4	5046215	-95.52269	45.54161	61014900										07020005
2004	758	Pope	Unnamed		61-0287-00			61028700	Lake	195		MPCA 2013	MPCA 2013	II	322919.4	5052742	-95.27084	45.60565	61028700											07020005
2003	757	Pope	Unnamed		61-0007-00			61000700	Lake	32		MPCA 2013	MPCA 2013	II	324401	5039382	-95.24706	45.48586	61000700											07020005
2002	756	Pope	Unnamed		61-0091-00			61009100	Lake	47		MPCA 2013,	MPCA 2013,	II	305951.5	5039165	-95.48049	45.42507	61009100											07020005
2326		Pope	Unnamed		61-0186-00			61018600	Lake	140		MDNR APM	MDNR APM	II	294356.4	5041768	-95.63215	45.49911												07020005
2327		Pope	Unnamed		61-0417-00			61041700	Lake	20		MDNR APM	MDNR APM	II	303031.6	5044087	-95.52215	45.52246												07020005

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Alphabetical by County Name	OBJECTID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	Eng	DOVLKNUM	MWB_Typ	ACRES	NR2008	REFERENCE	SOURTATUS	LISUTM_X	WJUTM_Y	WJUTM_Y	WJUTM_Y	WJUTM_Y	DD_WAT	DD_WAT	XIDNUM	RIBAL	INTL	W	HUCB	
	2005	759	Pope	Westport		61-0029-00			61002900	Lake	209		MPCA 2013, UofM/MPCA 2013	PWRW	328879.1	5063507	-95.19826	45.70396	61002900						07010202		
	2006	760	Ramsey	Grass		62-0074-00			62007400	Lake	139		MDNR 2008	II	490983.4	4989187	-93.11451	45.05608	62007400							07010206	
	2007	761	Redwood	Rice Creek		07020004-552	64r1			Stream			MDNR 2008	II	326588.4	4943433	-95.18595	44.62333	64r1							09030003	
	2008	762	Renville	Preston		65-0002-00			65000200	Lake	678		MPCA 2013	II	378296	4959976	-94.53837	44.78282	65000200							07010205	
	1267	1047	Rice	Cedar Lake		66-0052-00			66005200	Lake	927	95	MDNR 2008	PWRW	465759.4	4904695	-93.42921	44.2947	66005200							07040002	
	2009	763	Rice	Dudley		66-0014-00			66001400	Lake	83		MDNR 2008	II	471331.1	4911360	-93.35973	44.35494	66001400							07040002	
	1268	1048	Rice	Hatch Lake		66-0063-00			66006300	Lake	102	10	MDNR 2008	PWRW	461808.4	4928445	-93.48048	44.50832	66006300							07020012	
	1269	1049	Rice	Hunt Lake		66-0047-00			66004700	Lake	190	19	MDNR 2008, UofM/MPCA 2013	PWRW	464438.4	4908875	-93.44605	44.33227	66004700							07040002	
	2010	765	Rice	Kelly		66-0015-00			66001500	Lake	62		MDNR 2008, UofM/MPCA 2013	II	470439.4	4911177	-93.37091	44.35326	66001500							07040002	
	1270	1050	Rice	Mud Lake		66-0054-00			66005400	Lake	269	54	MDNR 2008	PWRW	466055.4	4911926	-93.42597	44.35981	66005400							07040002	
	2011	766	Rice	Pooles		66-0046-00			66004600	Lake	182		MDNR 2008	II	460148.7	4894447	-93.49876	44.20215	66004600							07040002	
	2012	767	Rice	Rice		66-0048-00			66004800	Lake	331		MDNR 2008	II	461549	4908622	-93.48227	44.32984	66004800							07040002	
	2013	768	Rice	Unnamed		66-0103-00			66010300	Lake	26		MDNR 2008	II	469538.3	4910776	-93.3822	44.34961	66010300							07040002	
	1271	1051	Rice	Weinberger Lake		66-0041-00			66004100	Lake	53	8	MDNR 2008	PWRW	466092.4	4902439	-93.42489	44.27441	66004100							07040002	
	1272	1052	Rice	Willing Lake		66-0051-00			66005100	Lake	53	5	MDNR 2008	PWRW	466583.4	4906730	-93.41901	44.31306	66005100							07040002	
	1273	1053	Roseau	Bednar Impoundment		68-0150-00	68IMP002		68015000	Lake	240	40	MDNR 2008	PWRW	342688.5	5399278	-95.13912	48.72666	68IMP002								09030009
	2014	769	Roseau	Hayes		68-0004-00			68000400	Lake	187		MCS 2017	II	313192.8	5389369	-95.53537	48.62946	68000400							09020314	
	2015	770	Roseau	Marvin		68-0002-00			68000200	Lake	199		MPCA 2013	II	322079	5429054	-95.43208	48.98874	68000200							09020314	
	1274	1054	Roseau	Roseau River WMA - Pool 2		68-0006-00			68000600	Lake	4500	100	MPCA 2013	PWRW	263442.4	5430584	-96.23333	48.98282	68000600							09020314	
	1275	1055	Roseau	Roseau River WMA - Pool 3		68-0007-00			68000700	Lake	3700	10	MPCA 2013	PWRW	254817.4	5428938	-96.28182	48.96663	68000700							09020314	
	2016	771	Roseau	Roseau River WMA Pool 1-West		68-0005-00	68000502			Lake	1016		MPCA 2013	II	274104.3	5427106	-96.08589	48.95556	68000502							09020314	
	1330	1077	Saint Louis	Alden Lake		69-0131-00			69013100	Lake	190		MDNR 2008, 1854 List	PWRW	573580.4	5212440	-92.03105	47.06137	69013100							04010202	
	1331	1078	Saint Louis	Anchor Lake		69-0641-00			69064100	Lake	316	32	MDNR 2008, 1854 List, MPCA 2013	PWRW	538907.4	5240988	-92.48514	47.32121	69064100							04010201	
	1332	1079	Saint Louis	Andy Lake		69-0618-00			69061800	Lake	15		MDNR 2008, 1854 List, MPCA 2013	PWRW	538559.4	5188033	-92.49427	46.84473	69061800							04010201	
	1333	1080	Saint Louis	Angell Pool		69-1466-00	W0889001		69146600	Lake	500	80	MDNR 2008, 1854 List, MPCA 2013	PWRW	557741.1	5195604	-92.24175	46.91146	1							04010202	
	1334	1081	Saint Louis	Artichoke Lake		69-0623-00			69062300	Lake	306	7050	MDNR 2008, 7050.0470, 1854 List	7050	535394.4	5203397	-92.53459	46.98315	69062300							04010201	

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PROJECT_ID	FILE_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	Flow	DOWN	WLNUM	WB_Type	ACRES	NR2008ES	REFERENCE	SOUR	TATUS	USJTM_X	WJTM_Y	WJTM_DD	WAT_DD	WJTM_NUM	TIBAL	INT	W	HUCB
2036	791	Saint Louis	Ash		69-0864-00				69086400	Lake	678		MPCA 2013,	II		504662.1	5340022	-92.95724	48.21341	69086400				09030003
2037	792	Saint Louis	Astrid		69-0589-00				69058900	Lake	114		MPCA 2013	II		549794.8	5328938	-92.33102	48.11176	69058900				09030002
2038	793	Saint Louis	Auto		69-0731-00				69073100	Lake	100		MPCA 2013	PWRW		527762.3	5280738	-92.63011	47.67943	69073100				09030005
1335	1082	Saint Louis	Balkan Lake		69-0860-00				69086000	Lake	36	2	MDNR 2008	PWRW		508880.4	5272574	-92.88185	47.60651	69086000				09030005
2039	794	Saint Louis	Ban		69-0742-00				69074200	Lake	396		MPCA 2013	II		526225	5321059	-92.64815	48.04228	69074200				09030002
2040	795	Saint Louis	Barrs		69-0132-00				69013200	Lake	134		MPCA 2013	II		578510.5	5212103	-91.9662	47.05777	69013200				04010202
1336	1083	Saint Louis	Bassett Lake		69-0041-00				69004100	Lake	436		1854 List, MPCA 2013	PWRW		582639.4	5246690	-91.90545	47.36844	69004100				04010202
2041	796	Saint Louis	Bear Island		69-0115-00				69011500	Lake	2667		MPCA 2013	II		579078.9	5292489	-91.94435	47.78091	69011500				09030001
1338 1	1085	Saint Louis	Bear Island River		09030001-665	14RNC 58				Stream			MPCA_BioMon	II		582109.2	5294871	-91.90346	47.80196	14RNC058				09030001
1337 1	1084	Saint Louis	Bear Island River		09030001-608	69r8				Stream			2007, MDNR 2008, 1854 List	PWRW		587664.4	5299217	-91.82841	47.84032	69r8				09030001
1339	1086	Saint Louis	Bear Lake	Mudd	69-0112-00				69011200	Lake	125	125	MDNR 2008,	PWRW		581288.4	5219030	-91.92837	47.11976	69011200				04010202
1340	1087	Saint Louis	Beartrap Lake		69-0089-00				69008900	Lake	131		MDNR 2008, 1854 List	PWRW		584102.4	5332528	-91.86947	48.14044	69008900				09030001
2042	797	Saint Louis	Beast		69-0837-00				69083700	Lake	96		MPCA 2013	II		517319.9	5372892	-92.7655	48.5089	69083700				09030003
1341	1088	Saint Louis	Beaver Lake	Joker	69-0015-00				69001500	Lake	46	5	1854 List	PWRW		587876.4	5222825	-91.8408	47.15506	69001500				04010202
1342	1089	Saint Louis	Bezhik Creek		09030001-975	14RNC 36				Stream			MPCA_BioMon, 1854 List	II		564744.3	5323985	-92.13095	48.05586	14RNC36				09030001
1343	1090	Saint Louis	Big Lake		69-0190-00				69019000	Lake	2049	20	MDNR 2008, 1854 list	PWRW		574849.4	5324846	-91.99518	48.07249	69019000				09030001
1345	1092	Saint Louis	Big Rice Lake		69-0669-00				69066900	Lake	2072	1700	2007, MDNR 2008, 1854 List, MPCA 2013,	PWRW		538335.4	5282564	-92.48909	47.69532	69066900				09030005
1344	1091	Saint Louis	Big Rice Lake		69-0178-00				69017800	Lake	416	416	MDNR 2008, 1854 List, 2010	PWRW		572585.4	5320159	-92.02637	48.03059	69017800				09030001
1346	1093	Saint Louis	Birch Lake		69-0003-00				69000300	Lake	7628	381	MDNR 2008, 1854 List, UofM/MPCA 2013, 2010	PWRW		581375.4	5287107	-91.91471	47.7322	69000300				09030001
2043	798	Saint Louis	Black Duck		69-0842-00				69084200	Lake	1264		MPCA 2013	II		513444.9	5337947	-92.81908	48.19451	69084200				09030003
1347	1094	Saint Louis	Black Lake		69-0740-00				69074000	Lake	118		MDNR 2008, 1854 List	PWRW		525608.4	5313026	-92.6569	47.97003	69074000				09030002
2044	799	Saint Louis	Blackwood		69-0850-00				69085000	Lake	25		MPCA 2013	II		508693.6	5180712	-92.88612	46.7799	69085000				07010103
1348	1095	Saint Louis	Blueberry Lake		69-0054-00				69005400	Lake	130	13	MDNR 2008, 1854 List, MCBS 2017	PWRW		584054.4	5293983	-91.87766	47.79371	69005400				09030001
2045	800	Saint Louis	Bog		69-0811-00				69081100	Lake	30		MPCA 2013	II		517322.3	5334075	-92.76706	48.15968	69081100				09030002
1349	1096	Saint Louis	Bootleg Lake		69-0452-00				69045200	Lake	352		MDNR 2008, 1854 List	PWRW		559469.4	5320704	-92.2022	48.03685	69045200				09030001

MPCA_WR_DEV Excerpt

Version Date: October 20, 2017 [List contains PWRW and II Waters]

Attachment 5A

Alphabetical by County Name

OBJECTID	File_Num	COUNTYNAME	NAIME	ALT_NAME	MPCA_WID	I_SITE	EDR	DOWL	KUMWB	Type	ACRES	NR2008	REFERENCE	SOURCE	STATUS	JUSTM_X	JUSTM_Y	WIDN_DD	WAT_DD	XIDNUM	UBAL	INT	HW	HUCB
1350	1097	Saint Louis	Breda Lake		69-0037-00					Lake	137	135	2007, MDNR 2008, 7050,0470, 1854 List, 2010	7050		585367.4	5243224	-91.86999	47.33691	69003700				04010202
1351	1098	Saint Louis	Bug Creek		04010201-545	BugCr				Stream			1854 List	PWRW		547958.4	5221922	-92.36742	47.14905	BugCr				04010201
735	1099	Saint Louis	Bug Lake	Whitchel	69-0531-00					Lake	71	53	MDNR 2008, 1854 List, 2010	PWRW		547456.4	5221075	-92.37413	47.14147	69053100				04010201
736	1100	Saint Louis	Burntside Lake		69-0118-00					Lake	7314	400	2007, MDNR 2008, 2010, 1854 List	PWRW		576621.4	5309131	-91.9742	47.93091	69011800				09030001
737	1101	Saint Louis	Burntside River		09030001-808	14RN0 51				Stream			MPCA_BioMon, 1854 List	PWRW		578202.9	5307457	-91.95334	47.91567	14RN051				09030001
738	1102	Saint Louis	Butterball Lake	Long	69-0044-00					Lake	442	400	2007, MDNR 2008, 7050,0470, 1854 List, 2010	7050		585408.4	5257288	-91.86674	47.46343	69004400				04010201
739	1103	Saint Louis	Camp 97 Impoundment		69-0594-00					Lake	50		MDNR 2008, 1854 List, MDNR	PWRW		544285.4	5332862	-92.40463	48.14746	69059400				09030002
740	1104	Saint Louis	Camp Forty Creek		09030002-586	Camp4 0Cr				Stream			APM	PWRW		535502.8	5343616	-92.5218	48.24477	Camp40Cr				09030002
741	1105	Saint Louis	Canary Lake		69-0055-00					Lake	22	1	MDNR 2008, 1854 List	PWRW		583290.4	5294202	-91.88781	47.79579	69005500				09030001
742	1106	Saint Louis	Caribou Lake		69-0489-00					Lake	569	3	MDNR 2008, 1854 List, UofM/MPCA 3 2013	PWRW		552880.4	5194271	-92.30573	46.89987	69048900				04010202
743	1107	Saint Louis	Cedar Island Lake		69-0568-00					Lake			1854 List	PWRW		549488.4	5260176	-92.34298	47.49313	69056800				04010201
2046	801	Saint Louis	Central		69-0637-00					Lake	75		MPCA 2013	II		539198.7	5236845	-92.48165	47.28391	69063700				04010201
2315	1	Saint Louis	Cloquet River		04010202-671	69r5	0	4	0	Stream			MDNR 2008, 1854 List	II		569157.1	5208635	-92.08987	47.02762					09030003
744	1108	Saint Louis	Comet Lake		69-0257-00					Lake	28		MDNR 2008, 1854 List	PWRW		565649.4	5287166	-92.12441	47.73453	69026700				04010201
745	1109	Saint Louis	Cranberry Lake		69-0147-00					Lake	69		MDNR 2008, 1854 List	PWRW		574153.4	5262261	-92.01522	47.50955	69014700				04010201
746	1110	Saint Louis	Crane Lake		69-0616-00					Lake	3395	600	2007, MDNR 2008, 1854 List, 600, 2010	PWRW		538805.4	5348602	-92.47686	48.28942	69061600				09030002

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Attachment 5A

Alphabetical by County Name

PBECTID	File Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	Flow	DOWNUM	MB_Type	ACRES	NRZ068ES	REFERENCE	SOURCESTATUS	LISDTM_X	WBUTM_Y	W_FON_DD	W_LAT_DD	W	XIDNUM	RIBAL	INT	al_W	HUC3
2047	802	Saint Louis	Dark		69-0790-00			69079000	Lake	244		UofM/MPCA 2013	II	516478.2	5275645	-92.78065	47.634	69079000					09030005
747	1111	Saint Louis	Day Brook		07010103-542	DayBr			Stream			Permittee	PWRW	487997.4	5266555	-93.15953	47.5523	DayBr					07010103
748	1112	Saint Louis	Deadmans	Unnamed	69IMP001				Lake	5		MDNR 2008, 1854 List	PWRW	580045.8	5302317	-91.92963	47.8692	69IMP001					09030001
749	1113	Saint Louis	Dollar Lake		69-0534-00			69053400	Lake	51	51	MDNR 2008, 1854 List, 2010	PWRW	549537.4	5236394	-92.34512	47.27915	69053400					04010201
750	1114	Saint Louis	Duck Lake		69-0191-00			69019100	Lake	126		MDNR 2008, 1854 List	PWRW	571271.4	5324320	-92.0433	48.06817	69019100					09030001
751	1	Saint Louis	Dunka River		09030001-987	Dunka R			Stream	112		1854 List	II	584747.9	5285200	-91.87011	47.71462	DunkaR					09030001
4		Saint Louis	Eagle		69-0238-00			69023800	Lake	112		MPCA 2013	PWRW	571361.2	5200273	-92.06219	46.95215	69023800					04010102
		Saint Louis	Eagles Nest 3 Lake		69-0285-03			69028503	Lake	1028		MDNR 2008, 1854 List	PWRW	568237.4	5296095	-92.08849	47.81459	69028503					09030002
753	1117	Saint Louis	East Stone Lake		69-0638-00			69063800	Lake			MDNR 2008, 1854 List, 2010	PWRW	535103.4	5236844	-92.5356	47.28414	69063800					04010201
754	1118	Saint Louis	Echo Lake		69-0615-00			69061500	Lake	1139		MDNR 2008, 1854 List	PWRW	538052.4	5335889	-92.48815	48.1751	69061500					09030002
755	1	Saint Louis	Echo River		09030002-532	EchoR			Stream			1854 List	PWRW	541132.1	5342626	-92.44607	48.23552	EchoR					09030002
756	1120	Saint Louis	Ed Shave Lake		69-0199-00			69019900	Lake	90		MDNR 2008, 1854 List	PWRW	578792.4	5325167	-91.9422	48.07491	69019900					09030001
2048	803	Saint Louis	Elbow		69-0744-00			69074400	Lake	1528		MPCA 2013	II	526374.8	5316823	-92.5464	48.00416	69074400					09030002
757	1	Saint Louis	Elbow River		09030002-602	ElbowR			Stream			MDNR 2015	PWRW	513159	5319494	-92.8235	48.0286	ElbowR					09030002
2049	804	Saint Louis	Elephant		69-0810-00			69081000	Lake	782		MPCA 2013	II	518949.5	5337842	-92.74502	48.19353	69081000					09030002
758	1122	Saint Louis	Elliott Lake		69-0642-00			69064200	Lake	393	20	MDNR 2008, 1854 List	PWRW	542027.4	5240001	-92.44395	47.31213	69064200					04010201
2050	805	Saint Louis	Ely		69-0660-00			69066000	Lake	827		MPCA 2013	II	538975.8	5255400	-92.48297	47.45088	69066000					04010201
		Saint Louis	Embarrass Lake		69-0496-00			69049600	Lake			UofM/MPCA 2013	PWRW	551183.4	5264311	-92.32	47.53021	69049600					04010201
38		Saint Louis	Embarrass River		04010201-579				Stream			1854 List, Permittee	PWRW	555368.9	5274859	-92.26307	47.62477						04010201
760	1	Saint Louis	Embarrass River		04010201-577	69r3			Stream			2007, MDNR 2008, 1854 List	PWRW	548594.3	5258502	-92.35504	47.47814	69r3					04010201
761	1125	Saint Louis	Esquagama Lake		69-0565-00			69056500	Lake			1854 List	PWRW	548767.4	5257390	-92.35286	47.46812	69056500					04010201
762	1126	Saint Louis	Fish Lake (east)		69-0491-00			69049100	Lake			1854 List, MPCA 2013	PWRW	555871.4	5199066	-92.26588	46.94277	69049100					04010202
2051	806	Saint Louis	Fishing		69-0270-00			69027000	Lake	17		MPCA 2013	II	563795.8	5287639	-92.14906	47.73897	69027000					04010201
763	1127	Saint Louis	Fivemile Lake		69-0288-00			69028800	Lake	106	10	MDNR 2008, 1854 List	PWRW	563673.4	5296984	-92.14932	47.83305	69028800					09030002
764	1128	Saint Louis	Fourmile Lake		69-0281-00			69028100	Lake	86	1	1854 List	PWRW	562837.4	5297638	-92.16039	47.82902	69028100					09030002
765	1129	Saint Louis	Fourth Lake		69-0573-00			69057300	Lake			1854 List	PWRW	548510.4	5258537	-92.35615	47.47846	69057300					04010201
766	1130	Saint Louis	Gafvert Lake		69-0280-00			69028000	Lake	33	1	MDNR 2008, 1854 List	PWRW	565751.4	5300792	-92.12088	47.8571	69028000					09030002

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Alphabetical by County Name

PROJECT File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	ENR	DOWNLNUM	MWB_Type	ACRES	HR2008ES	REFERENCE	SOURCE	TATUS	LUSUTM_X	WBJTM_X	WIDN_DD	WAT_DD	WAT_DD	XIDNUM	RIBAL	INT	al_W	HUC8
2052	807 Saint Louis	Gansey		69-0913-00			69091300	Lake	74		MDNR 2008	II		496791.3	5269119	-92.04267	47.57548	69091300					09030005
767	1131 Saint Louis	Gill Lake		69-0667-00			69066700	Lake	18		MDNR 2008, 1854 List	PWRW		541423.4	5257207	-92.45033	47.46699	69066700					04010201
1293	809 Saint Louis	Golf Course Pond (Upper Twin)		69-1345-00			69134500	Lake	1		MPCA 2013	II		566673.7	5180943	-92.12661	46.7787	69134500					04010201
768	1132 Saint Louis	Grand Lake		69-0511-00			69051100	Lake	1742		MDNR 2008, 1854 List, UerM/MPCA 10 2013	PWRW		545448.4	5191504	-92.40358	46.87553	69051100					04010202
769	1133 Saint Louis	Grass Lake		69-0776-00			69077600	Lake	49		MDNR 2008, 1854 List	PWRW		515915.4	5251060	-92.78903	47.41279	69077600					04010201
771	1135 Saint Louis	Grassy Lake		69-0216-00			69021600	Lake	95		MDNR 2008, 1854 list	PWRW		571626.4	5294879	-92.04343	47.80328	69021600					09030001
770	1134 Saint Louis	Grassy Lake		69-0082-00			69008200	Lake	257		MDNR 2008, 1854 List	PWRW		585091.4	5316955	-91.85928	48.00022	69008200					09030001
772	1136 Saint Louis	Gull Lake		69-0092-00			69009200	Lake	196		MDNR 2008, 20 1854 List	PWRW		585580.4	530750	-91.84997	48.12425	69009200					09030001
2057	1140 Saint Louis	Hay Lake		69-0441-00			69044100	Lake	47		MDNR 2008, 1854 List	PWRW		559290.4	5286965	-92.20924	47.73333	69044100					04010201
1152	1139 Saint Louis	Hay Lake		69-0439-00			69043900	Lake	42		MDNR 2008, 1 1854 List	PWRW		557167.4	5284632	-92.23786	47.71254	69043900					04010201
2059	1142 Saint Louis	Hay Lake		69-0435-00			69043500	Lake	78		MDNR 2008, 7050.0470, 1854 List, MDNR APMI, 78 2010	PWRW		554677.4	5273016	-92.2725	47.60825	69043500					04010201
2058	1141 Saint Louis	Hay Lake		69-0579-00			69057900	Lake	114		MDNR 2008, 114 1854 List, 2010	PWRW		545325.4	5268367	-92.39741	47.56714	69057900					09030002
773	1137 Saint Louis	Hay Lake		69-0150-00			69015000	Lake	32		MDNR 2008, 1 1854 List	PWRW		576919.4	5284470	-91.97459	47.70903	69015000					04010201
774	1138 Saint Louis	Hay Lake		69-0417-00			69041700	Lake	82		2007, MDNR 2008, 1854 List, 45 2010	PWRW		554773.4	5237738	-92.2756	47.29083	69041700					04010201
1294	810 Saint Louis	Headquarters		69-0766-00			69076600	Lake	65		MPCA 2013	II		515133.7	5185368	-92.8016	46.82168	69076600					04010201
2060	1143 Saint Louis	Hockey Lake		69-0849-00			69084900	Lake	139		2007, MDNR 2008, 1854 List, 70 2010	PWRW		510525.4	5180845	-92.86212	46.78107	69084900					07010103
2061	1144 Saint Louis	Hoodoo Lake		69-0802-00			69080200	Lake	252		2007, MDNR 252 2008, 2010	PWRW		521116.4	5313859	-92.71704	47.97769	69080200					09030002
1295	811 Saint Louis	Horseshoe		69-0232-00			69023200	Lake	96		MPCA 2013	II		567581	5204336	-92.11125	46.9891	69023200					04010202
2062	1145 Saint Louis	Horseshoe Lake		69-0255-00			69025500	Lake	39		MDNR 2008, 10 1854 List	PWRW		566421.4	5293197	-92.11319	47.78871	69025500					09030001
2063	1146 Saint Louis	Hush Lake		69-0988-00			69098800	Lake	14		1854 List	PWRW		568441.4	5258622	-92.09163	47.47744	69098800					04010201
2064	1147 Saint Louis	Indian Lake		69-0023-00			69002300	Lake	57		MDNR 2008, 1854 List	PWRW		586847.4	5236232	-91.85177	47.27381	69002300					04010202
2065	1148 Saint Louis	Island Lake		69-0372-00			69037200	Lake	8280		1854 List, MPCA 2013	PWRW		562184.4	5207565	-92.1818	47.01688	69037200					04010202
1296	812 Saint Louis	Reservoir James		69-0734-00			69073400	Lake	19		MPCA 2013	II		529516.7	5278087	-92.60692	47.6555	69073400					09030005

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Attachment 5A

Alphabetical by County Name

OBJECTID	FILE_NUM	COUNTYNAME	NAME	AUT_NAME	MPCA_WID	IT_SITE	ETG	DOWN	KWUM	MB_Type	ACRES	HR2008B5	REFERENCE	SOURCE	TATUS	LIS	UTM_X	WUTM_Y	WIDM_DD	W_LAT_DD	W	XIDNUM	RIBAL	INT	W	HUC3
2066	1149	Saint Louis	Jeanette Lake		69-0456-00					Lake	612		MDNR 2008, 1854 List, MCBS 2017	PWRW		552705.4	5331988	-92.29154	48.13896	69045600					09030001	
2067	1150	Saint Louis	Johnson Lake		69-0117-00					Lake	473		MDNR 2008, 1854 List, MPCA 24 2013	PWRW		581211.4	5295854	-91.91526	47.81092	69011700					09030001	
2068	1151	Saint Louis	Kabustasa Lake (Rice)		69-0679-00					Lake	126		1854 List, MPCA 2013	PWRW		535604.4	5335953	-92.52107	48.17582	69067900					09030002	
1297	813	Saint Louis	Kangas		69-0057-00					Lake	35		MPCA 2013	II		586801	5290615	-91.84166	47.76305	69005700					09030001	
1298	814	Saint Louis	Kelly		69-0901-00					Lake	21		MPCA 2013	II		499521.6	5251355	-93.00694	47.41565	69090100					04010201	
2069	1152	Saint Louis	King Lake		69-0008-00					Lake	320		MDNR 2008, 1854 List 39 1854 List, MPCA 2013	PWRW		587773.4	5226775	-91.84139	47.18861	69000800					04010202	
2070	1153	Saint Louis	Kingburg Lake		69-0771-00					Lake	19		1854 List, MPCA 2013	PWRW		518075.4	5189597	-92.76287	46.85967	69077100					04010201	
2071	1154	Saint Louis	Knuckey Lake	Mud	69-0800-00					Lake	71		2007, MDNR 2008, MCBS 18 2017, 2010	PWRW		517624.4	5277369	-92.76532	47.64948	69080000					09030005	
2072	1155	Saint Louis	Kookoosh Lake		69-0009-00					Lake	17		1854 List	PWRW		588610.4	5226284	-91.83044	47.18408	69000900					04010202	
1153	1156	Saint Louis	Kylen Lake		69-0034-00					Lake	16		MDNR 2008, 2 1854 List	PWRW		589914.4	5243345	-91.80979	47.33739	69003400					04010202	
1154	1157	Saint Louis	Lake George		69-0040-00					Lake	42		2007, MDNR 2008, 1854 List	PWRW		588664.4	5237721	-91.82746	47.28637	69004000					04010202	
1155	1158	Saint Louis	Lapond Lake		69-0177-00					Lake	176		MDNR 2008, 176 1854 List, 2010	PWRW		573011.4	5322977	-92.02017	48.05589	69017700					09030001	
1156	1159	Saint Louis	Leeman Lake		69-0875-00					Lake	284		MDNR 2008, 90 1854 List, 2010	PWRW		504509.4	5186813	-92.94087	46.83484	69087500					04010201	
1299	815	Saint Louis	Leora		69-0521-00					Lake	276		MPCA 2013	II		545201	5216869	-92.40429	47.10378	69052100					04010202	
1157	1160	Saint Louis	Lieuna (Lieung) Lake		69-0123-00					Lake	476		MDNR 2008, 7050,0470,1854 10 List, MDNR APM	7050		576906.4	5216565	-91.98655	47.09811	69012300					04010202	
1158	1161	Saint Louis	Little Birch Lake		69-0271-00					Lake			MDNR 2008, 1854 List	PWRW		562383.4	5287257	-92.16795	47.73567	69027100					04010201	
1159 1	1162	Saint Louis	Little Cloquet River		04010202- 590	69R6				Stream			MDNR 2008, 1854 List	PWRW		575022.2	5217208	-92.01127	47.10411	69R6					04010202	
34		Saint Louis	Little Indian Sioux River		09030001- 641					Stream			1854 List	PWRW		557980.9	5335144	-92.22021	48.16689						09030001	
35		Saint Louis	Little Indian Sioux River		09030001- 637					Stream			1854 List	PWRW		558556.4	5334271	-92.21259	48.15898						09030001	
37		Saint Louis	Little Indian Sioux River		09030001- 557					Stream			1854 List	PWRW		558953.2	5332623	-92.20748	48.14413						09030001	
36		Saint Louis	Little Indian Sioux River		09030001- 636					Stream			1854 List	PWRW		558807.7	5333503	-92.20932	48.15206						09030001	
33		Saint Louis	Little Indian Sioux River		09030001- 642					Stream			1854 List	PWRW		557101.1	5336096	-92.23191	48.17554						09030001	
1160 1	1163	Saint Louis	Little Indian Sioux River		09030001- 643	69R7				Stream			2007, MDNR 2008, 2010, 1854 List	PWRW		555883.5	5337125	-92.24815	48.1849	69R7					09030001	

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Alphabetical by County Name

OBJECTID	FILE_NUM	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	EDW	DOWLKNUM	MWB	Typ	ACRES	NPZ008ES	REFERENCE_SOUR	STATUS	LIS	UTM_X	WUTM_Y	WHON_DD	W_AT_DD	XIDNUM	RIBA_H	INT	al_w	HUC8
1161	1164	Saint Louis	Little Mesaba Lake		69-0436-00			69043600	Lake		207		MDNR 2008, 1854 List	II		557088.4	5268195	-92.24105	47.56466	69043600				04010201
1162	1165	Saint Louis	Little Rice Lake		69-0612-00			69061200	Lake		266	266	MDNR 2008, 2007, MDNR 2008, UofM/MPCA 2013, 1854 List, MPCA 2013, 266 2010	PWRW		542094.4	5284498	-92.43883	47.71249	69061200				09030005
1163	1166	Saint Louis	Little Sandy Lake		69-0729-00			69072900	Lake		89	89	MDNR 2008, 1854 List, 2010	PWRW		529921.4	5273935	-92.60181	47.61813	69072900				09030002
1164	1167	Saint Louis	Little Stone Lake		69-0028-00			69002800	Lake		163		2007, MDNR 2008, 1854 List	PWRW		589146.4	5231970	-91.82223	47.23516	69002800				04010202
1165	1168	Saint Louis	Little Vermillion Lake		69-0608-00			69060800	Lake		558		2007, MDNR 2008, 1854 List	PWRW		543831.4	5348055	-92.40916	48.28418	69060800				09030001
1301	817	Saint Louis	Locator		69-0936-00			69093600	Lake		140		MPCA 2013	II		500037.6	5376275	-92.99949	48.53958	69093600				09030003
1303	819	Saint Louis	Long		69-0495-00			69049500	Lake		366		MPCA 2013	II		551385.8	5239899	-92.32015	47.31055	69049500				04010201
1304	820	Saint Louis	Long		69-0765-00			69076500	Lake		472		MPCA 2013	II		520943.7	5350507	-92.72565	48.30743	69076500				09030003
1302	818	Saint Louis	Long		69-0653-00			69065300	Lake		157		MPCA 2013	II		534334.8	5249938	-92.54495	47.40199	69065300				04010201
1305	821	Saint Louis	Longyear		69-0857-00			69085700	Lake		188		MPCA 2013	II		509519.1	5259790	-92.87363	47.49147	69085700				04010201
1166	1169	Saint Louis	Low Lake		69-0070-00			69007000	Lake		353		2007, MDNR 2008, 1854 List, 71 2010	PWRW		587930.4	5314272	-91.82178	47.97571	69007000				09030001
1167	1170	Saint Louis	Lower Pauness Lake		69-0464-00			69046400	Lake		162		MDNR 2008, 1 1854 List	PWRW		555914.4	5338521	-92.24755	48.19745	69046400				09030001
1306	822	Saint Louis	Marion		69-0755-00			69075500	Lake		174		MPCA 2013	II		524216.9	5348201	-92.67355	48.28655	69075500				09030002
1168	1171	Saint Louis	Martin Lake		69-0768-00			69076800	Lake		71		MDNR 2008, 1854 List	PWRW		523277.4	5186561	-92.69478	48.83219	69076800		Wholly	Lac Y	04010201
1307	823	Saint Louis	Meadow		69-0165-00			69016500	Lake		21		MPCA 2013	II		572216	5297996	-92.03504	47.83125	69016500				09030001
1169	1172	Saint Louis	Mogie Lake		69-0391-00			69039100	Lake		16		1854 List, MPCA 2013	PWRW		559738.4	5179747	-92.21176	48.76859	69039100				04010201
1308	824	Saint Louis	Moose		69-0806-00			69080600	Lake		942		MPCA 2013, MDNR APM, MPCA 2013, 1854 List	II		515649	5325366	-92.78989	48.08137	69080600				09030002
1171	1174	Saint Louis	Moose Lake		69-0442-00			69044200	Lake		18		2007, MDNR 2008, 1854 List, 62 2010	PWRW		557600.4	5286990	-92.23177	47.73371	69044200				04010201
1170	1173	Saint Louis	Moose Lake		69-0798-00			69079800	Lake		82		2008, 1854 List, 62 2010	PWRW		520879.4	5276866	-92.722	47.64486	69079800				09030005
1172	1175	Saint Louis	Moose River		09030001-540	69-river5			Stream		0		1854 List	PWRW		568018	5334090	-92.0854	48.15642	69-river5				09030001
1173	1176	Saint Louis	Mud (Black Mallard) Lake		69-0047-00			69004700	Lake		49		MDNR 2008, 1854 List, MPCA 2013	PWRW		585378.4	5260718	-91.86648	47.49429	69004700				04010201
1174	1177	Saint Louis	Mud Hen Lake		69-0494-00			69049400	Lake		165		MDNR 2008, 1854 List, MPCA 2013	PWRW		552278.4	5246089	-92.30761	47.36617	69049400				04010201
1176	1179	Saint Louis	Mud Lake	Watercress	69-0797-00			69079700	Lake		43		MDNR 2008, 45 1854 List, 2010	PWRW		523032.4	5279372	-92.69932	47.66733	69079700				09030005

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Attachment 5A

Alphabetical by County Name

OBJECTID	File Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	DOWNSTREAM_WB_Type	ACRES	REFERENCE_SOURCE	STATUS	LISTM_X	LISTM_Y	WIDN_DD	WIDN_W	XIDNUM	IBAL_ID	INTJAL_W	HUCS
1175	1178	Saint Louis	Mud Lake		69-0151-00		Lake	51	MDNR 2008, 1854 List	PWRW	576088.4	528407.2	-91.98574	47.70555	69015100			04010201
1177	1180	Saint Louis	Mud Lake		69-0652-00		Lake		1854 List, Permittee	PWRW	535798.4	525233.4	-92.52536	47.42347	69065200			04010201
1309	825	Saint Louis	Mukooda		69-0684-00		Lake	748	MPCA 2013	II	537911.4	535382.6	-92.48844	48.33648	69068400			09030003
1310	826	Saint Louis	Murphy		69-0646-00		Lake	356	MPCA 2013	II	537886.1	523837.4	-92.49887	47.29774	69064600			04010201
1178	1181	Saint Louis	Myrtle Lake		69-0749-00		Lake	876	MDNR 2008, 1854 List	PWRW	523941.4	525688.9	-92.67853	48.06401	69074900			09030002
1179	1182	Saint Louis	Nels Lake		69-0080-00		Lake	300	2 MDNR 2008	PWRW	582744.4	531943.4	-91.89025	48.03337	69088000			09030001
1180	1183	Saint Louis	Nichols Lake		69-0627-00		Lake	444	MDNR 2008, 22 1854 List	PWRW	535101.4	521559.4	-92.53749	47.09292	69062700			04010201
1181	1184	Saint Louis	Nina Moose River		09030001-69-river3		Stream		2007, 1854 List	PWRW	568535.3	533732.4	-92.07793	48.18545	69-river3			09030001
2267	827	Saint Louis	North Twin		69-0419-00		Lake	67	MPCA 2013	II	556291.2	525535.8	-92.25329	47.44923	69041900			04010201
1182	1185	Saint Louis	One Pine Lake		69-0061-00		Lake	369	MDNR 2008, 1854 List, MPCA 2013, MCBS	PWRW	584090.4	529592.2	-91.8768	47.81116	69006100			09030001
1183	1186	Saint Louis	Oriniack Lake		69-0587-00		Lake	748	MDNR 2008, 1854 List	PWRW	549812.4	531827.4	-92.33203	48.01581	69058700			09030002
2073	1187	Saint Louis	Papoose Lake		69-0024-00		Lake	16	MDNR 2008, 7050,0470, 1854 16 List, 2010	7050	585723.4	523544.5	-91.86678	47.26688	69002400			04010202
2076	1190	Saint Louis	Partridge River		04010201-552		Stream		UofM/MPCA 2013, 1854 List, Permittee, 2010	PWRW	558068.7	526031.2	-92.22906	47.49385	552	04010201-		04010201
2075	1189	Saint Louis	Partridge River		04010201-5007-513		Stream		UofM/MPCA	PWRW	561031.9	526272.4	-92.18939	47.51508	5007-513			04010201
2074	1188	Saint Louis	Partridge River		04010201-552		Stream		UofM/MPCA	PWRW	560934.4	526340.3	-92.19059	47.52119	5007-443			04010201
2268	828	Saint Louis	Pat Zakovec Impoundment		69-1463-00		Lake	72	MPCA 2013	II	522368.1	533916.4	-92.69895	48.20531	69146300			09030002
2077	1191	Saint Louis	Pelican Lake		69-0841-00		Lake	11944	2007, MDNR 2008, 2010	PWRW	505958.4	532321.4	-92.90661	48.06217	69084100		Min nesota Chip peew a	09030002
2078	1192	Saint Louis	Pelican River		09030002-530		Stream		2007, MDNR 2008, MDNR 2015	PWRW	531401.6	533476.2	-92.57769	48.16532	69-river_			09030002
2079	1193	Saint Louis	Perch Lake		69-0688-00		Lake	79	MDNR 2008, 32 1854 List	PWRW	533235.4	523896.4	-92.56034	47.30331	69068800			04010201
2080	1194	Saint Louis	Petrel Creek		04010202-564		Stream	0	2007, MDNR 2008, 2010, 1854 List	PWRW	582913.9	524055.7	-91.90296	47.31324	69-r			04010202
2081	1195	Saint Louis	Picket Lake		69-0079-00		Lake	78	MDNR 2008, 7 1854 List	PWRW	585708.4	532019.3	-91.85037	48.02927	69007900			09030001

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Attachment 5A

Alphabetical by County Name

OBJECTID	File_Num	COUNTYNAME	NAME	AUT_NAME	MPCA_WID	IT_SITE_Eng	Eng	DOWLNUMWB_Type	ACRES	MR2008ES	REFERENCE	SOURSTATUS	LIST	JTM_X	WJTM_Y	WIDN_DD	WLAT_DD	WLAT_DD_W	XIDNUM	WIBAL	INTal_W	HUCB
1352.1	1197	Saint Louis	Pike River		09030002-503	69r1		Stream	0		2007, MDNR 2008, 2010, 1854 List	PWRW		544962.7	5290766	-92.39592	47.76869	69r1				09030002
2082.1	1196	Saint Louis	Pike River		09030002-503	S006-927		Stream			UofM/MPCA 2013	PWRW		549036.4	5286597	-92.34603	47.73089	S006-927				09030002
1353	1198	Saint Louis	Pine Lake		69-0001-00			Lake	442		1854 List	PWRW		590891.4	5256962	-91.79407	47.45975	69000100				04010201
2269	829	Saint Louis	Pleasant		69-0655-00			Lake	360		MPCA 2013	II		538440.9	5248894	-92.49063	47.39237	69065500				04010201
1354	1199	Saint Louis	Prairie Lake		69-0848-00			Lake	807		MDNR 2008, 16 1854 List	PWRW		507341.4	5182044	-92.90381	46.79191	69084800				07010103
619.1	1200	Saint Louis	Prairie River		07010103-516	Prairie R		Stream			1854 List	PWRW		506145.6	5181609	-92.91948	46.78801	PrairieR				07010103
2270	830	Saint Louis	Rat		69-0922-00			Lake	73		MDNR 2008	II		499329.3	5166659	-93.00892	47.55335	69092200				09030005
620	1201	Saint Louis	Rat (Jamer) Lake		69-0737-00			Lake	26		MDNR 2008, 1854 List	PWRW		529214.4	5277345	-92.61099	47.64886	69073700				09030005
622	1203	Saint Louis	Rice Lake		69-0180-00			Lake	161		1854 List, 2010, MDNR 2008	PWRW		576655.4	5319344	-91.97193	48.02279	69018000				09030001
623	1204	Saint Louis	Rice Lake		69-0803-00			Lake	160		MDNR 2015, 2010	PWRW		514074.5	5317028	-92.8113	48.00639	69080300				09030002
621	1202	Saint Louis	Rice Lake		69-0578-00			Lake	41		MDNR 2008, 41 2010	PWRW		547319.4	5268501	-92.37088	47.5682	69057800				09030002
2271	831	Saint Louis	Rice River		09030005-517	69-river9		Stream			MDNR 2008, 7050.0470, 1854 List	II		517261.1	5298635	-92.76931	47.84083	69-river9				09030005
624	1205	Saint Louis	Round Lake		69-0048-00			Lake	336		1854 List, Permittee	PWRW		589647.4	5259343	-91.81009	47.48134	69004800				04010201
625	1206	Saint Louis	Round Lake		69-0649-00			Lake	57		MDNR 2008, 1854 List	PWRW		533891.4	5238782	-92.55168	47.30163	69064900				04010201
626	1207	Saint Louis	Ruth Lake		69-0014-00			Lake	47		MDNR 2008, 1854 List	PWRW		588776.4	5224637	-91.82857	47.16924	69001400				04010202
2272	832	Saint Louis	Sabin		69-0434-01			Lake	314		1854 List	II		552585.4	5270773	-92.3006	47.58824	69043401				04010201
627	1208	Saint Louis	Sand Lake		69-0736-00			Lake	792		MPCA 2013	PWRW		527303.3	5277580	-92.63643	47.65104	69073600				09030005
2274	834	Saint Louis	Sand Point		69-0617-00			Lake	4848		MDNR 2008	II		536862.8	5357884	-92.50223	48.37305	69061700				09030003
628.1	1209	Saint Louis	Sand River		09030002-501	S003-249		Stream			UofM/MPCA 2013	PWRW		543253.5	5275895	-92.42421	47.63501	5003-249				09030002
629.1	1210	Saint Louis	Sand River		09030002-501	SandR		Stream			1854 List, 2010, MDNR 2008, UofM/MPCA 2013, 1854 List,	PWRW		543563.4	5276026	-92.42007	47.63617	SandR				09030002
2119	1211	Saint Louis	Sandy Lake		69-0750-00			Lake	121		121 2010	PWRW		530745.4	5274342	-92.59082	47.62175	69075000				09030002
2275	835	Saint Louis	Scheilns		69-0624-00			Lake	164		MPCA 2013	II		536434.9	5201491	-92.52106	46.96594	69062400				04010202
2121.1	1213	Saint Louis	Second Creek		04010201-952			Stream			UofM/MPCA 2013, 1854 List, Permittee	PWRW		560834.6	5265251	-92.19194	47.51984	952				04010201
2120.1	1212	Saint Louis	Second Creek		04010201-952	S007-220		Stream			UofM/MPCA 2013, 1854 List	PWRW		560858.3	5265242	-92.19163	47.51976	S007-220				04010201
2122	1214	Saint Louis	Seven Beaver Lake		69-0002-00			Lake	1508		2007, MDNR 2008, 7050.0470, 1282 1854 List, 2010	7050		589440.4	5261319	-91.81244	47.49915	69000200				04010201

Attachment 5A

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MPCA_WR_DEV Excerpt

Alphabetical by County Name

PROJECT_ID	WR_NUM	COUNTYNAME	NAME	AUT_NAME	MPCA_WID	IT_SITE	ETN	DOWNUM	WBD_Type	ACRES	NR2008S	REFERENCE	SOUR	TATUS	USUTM_X	USUTM_Y	WIDN_DD	W_LAT_DD	W	XIDNUM	RIBAL	II	NT	a	W	HUCB
2123	1215	Saint Louis	Shannon Lake		69-0925-00			69092500	Lake	135	108	2008, 2010	2007, MDNR	PWRW	502292.4	5274793	-92.97029	47.62654	69092500							09030005
2124	1216	Saint Louis	Shannon River		09030005-605	69river_1			Stream			2008	2008	PWRW	504630	5277795	-92.93834	47.65353	69river_1							09030005
2125	1217	Saint Louis	Shiver Creek Impoundment		04010201-A37	ShiverCrimp			Stream			1854 List	1854 List	PWRW	573612.3	5250578	-92.02435	47.40451	ShiverCrimp							04010201
2126	1218	Saint Louis	Side Lake		69-0699-00			69069900	Lake	25	15	1854 List	MDNR 2008, 1854 List	PWRW	527158.4	5180722	-92.64423	46.77949	69069900	Wholly				Fon d du Lac Y		04010201
1355	1219	Saint Louis	Simian Lake		69-0619-00			69061900	Lake	81	5	1854 List	MDNR 2008, 1854 List	PWRW	536292.4	5181645	-92.52451	46.78736	69061900	Wholly				Fon d du Lac Y		04010201
2316		Saint Louis	Sioux River remove line see - data note	NA	69-0619-00	69r			Stream																	09030003
1356	1220	Saint Louis	Sixmile Lake		69-0283-00			69028300	Lake	103		1854 List	MDNR 2008, 1854 List	PWRW	564753.4	5297974	-92.13474	47.83185	69028300							09030002
1357	1221	Saint Louis	Smith (Little Pequawan) Lake		69-0111-00			69011100	Lake	220		1854 List	1854 List	PWRW	582835.4	5232361	-91.9072	47.15764	69011100							04010202
2276	836	Saint Louis	South Bog		69-0807-00			69080700	Lake	20		MPCA 2013	MPCA 2013	II	517462.5	5332991	-92.76522	48.14993	69080700							09030002
1358	1	1222	Saint Louis	St. Louis Estuary	04010201-532	S007-444			Stream			2013, MPCA 2013	Ucfm/MPCA 2013, MPCA 2013	PWRW	558389.7	5166875	-92.2369	46.65289	S007-444							04010201
1359	1	1223	Saint Louis	St. Louis R. (FR 1060)	04010201-644	SLR_1			Stream			1854 List	1854 List	PWRW	570253.5	5257287	-92.0678	47.46523	SLR_2							04010201
2170	1	1224	Saint Louis	St. Louis River (FR 790)	04010201-532	69r			Stream			MDNR 2008, Permittee	MDNR 2008, Permittee	PWRW	556150	5167174	-92.26613	46.65577	69r							04010201
2171	1	1225	Saint Louis	St. Louis River	04010201-644	SLR_4			Stream			1854 List	1854 List	PWRW	566173.6	5258138	-92.1218	47.47332	SLR_4							04010201
2172	1	1226	Saint Louis	St. Louis River (FR 791)	04010201-644	SLR_5			Stream			1854 List	1854 List	PWRW	562853.3	5258110	-92.16586	47.47339	SLR_5							04010201
2173	1227	Saint Louis	St. Louis River (hdwtrs)		04010201-631	SLR_1			Stream			7050.0470, 1854 List, Ucfm/MPCA 2013	7050.0470, 1854 List, Ucfm/MPCA 2013	7050	579886	5257628	-91.93994	47.46719	SLR_1						04010201	
2174	1	1228	Saint Louis	St. Louis River (Norway Pt)	04010201-644	SLR_3			Stream			1854 List, 2010	1854 List, 2010	PWRW	564529.4	5254493	-92.14415	47.44069	SLR_3							04010201
2277	837	Saint Louis	St. Mary's		69-0651-00			69065100	Lake	249		MPCA 2013	MPCA 2013	II	536730.7	5252887	-92.51296	47.4284	69065100							04010201
2175	1	1229	Saint Louis	St. Louis Estuary (Z)	04010201-533	Tellis			Stream			1854 List	1854 List	PWRW	562803.9	5174092	-92.17823	46.71743	Tellis							04010201
2278	838	Saint Louis	Stone		69-0027-00			69002700	Lake	228		MPCA 2013	MPCA 2013	II	587817	5230501	-91.84008	47.22212	69002700							04010202
2176	1230	Saint Louis	Stone (Tommila) Lake		69-0035-00			69003500	Lake	87		MDNR 2008, 7050.0470, 1854 List, 2010	MDNR 2008, 7050.0470, 1854 List, 2010	7050	590054.4	5242450	-91.80812	47.32932	69003500							04010202

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Attachment 5A

OBJECTID	File_Num	COUNTY/NAME	NAME	ALT_NAME	MPCA_WID	T_SITE	EDGE	DOWNLKNUM	MWB_Typ	ACRES	NR2008ES	REFERENCE_SOUR	STATUS	USUTM_X	USUTM_Y	WEDN_DD_W	AT_DD_W	XIDNUM	IBAL_IL	INT_IL	W	HUC8
2178	1232	Saint Louis	Stone Lake		69-0046-00			69004600	Lake	230	173	2007, MDNR 2008, 2010, 7050.0470, 1854 List, MCBS 2011, UoFM/MPCA	7050	583518.4	5261072	-91.8911	47.49772	69004600				04010201
2177	1231	Saint Louis	Stone Lake		69-0686-00			69068600	Lake	160	24	MDNR 2008, 7050.0470, 1854 List, MPCA 2013	7050	533734.4	5237354	-92.55387	47.2888	69068600				04010201
2180	1234	Saint Louis	Sturgeon Lake		69-0939-01			69093901	Lake	1624		UoFM/MPCA 2013, 2010	PWRW	496259.4	5280875	-93.04984	47.68126	69093901				09030005
2181	1235	Saint Louis	Sturgeon Lake, Middle		69-0939-02			69093902	Lake	133		UoFM/MPCA 2013	PWRW	495658.4	5279369	-93.05783	47.6677	69093902				09030005
2179	1	Saint Louis	Sturgeon River		09030005-527	870			Stream			UoFM/MPCA 2013	PWRW	505161.5	5278057	-92.93126	47.65589	5004-870				09030005
2182	1236	Saint Louis	Sullivan Lake		69-0246-00			69024600	Lake	36		1854 List, MPCA 2013	PWRW	570477.4	5231856	-92.06886	47.2364	69024600				04010201
2183	1237	Saint Louis	Sunset Lake		69-0764-00			69076400	Lake	309	6	MDNR 2008, 1854 List	PWRW	523196.4	5310838	-92.68934	47.95044	69076400				09030002
2184	1238	Saint Louis	Susan Lake		69-0741-00			69074100	Lake	305		MDNR 2008, 1854 List	PWRW	525241.4	5314571	-92.66173	47.98394	69074100				09030002
2279	839	Saint Louis	Swan		69-0863-00			69086300	Lake	85		MPCA 2013	II	509494.4	5329487	-92.87243	48.11857	69086300				09030002
2280	840	Saint Louis	Thirty-Six		69-0854-00			69085400	Lake	110		MPCA 2013	II	514024	5179437	-92.81633	46.76834	69085400				07010103
2281	841	Saint Louis	Trettel Pool		69-1482-00	002	W0889	69148200	Lake	30	3	MDNR 2008	PWRW	556901.7	5196195	-92.2527	46.91685	2				04010202
2282	842	Saint Louis	Trout		69-0498-00			69049800	Lake	9237		MPCA 2013	II	550974.3	5312725	-92.31711	47.9658	69049800				09030002
2185	1239	Saint Louis	Turpela Lake		69-0427-00			69042700	Lake	76	61	MDNR 2008, UoFM/MPCA 2013, 1854 List, 2010	PWRW	557615.4	5256714	-92.23555	47.46132	69042700				04010201
2283	843	Saint Louis	Twin		69-0505-00			69050500	Lake	25		MDNR 2008	II	544424.7	5180511	-92.41808	46.77667	69050500				04010201
2186	1240	Saint Louis	Twin (East Twin) Lake		69-0163-00			69016300	Lake	224		MDNR 2008, 1854 List	PWRW	577234.4	5300442	-91.96755	47.85268	69016300				09030001
2188	1242	Saint Louis	Twin Lake		69-0695-00			69069500	Lake	115		MDNR 2008, 1854 List	PWRW	532149.4	5182703	-92.57872	46.7971	69069500	Wholly	Fon d du Lac	Y	04010201
2187	1241	Saint Louis	Twin Lake		69-0504-00			69050400	Lake	18	1	MDNR 2008, 1854 List	PWRW	544471.4	5181123	-92.41741	46.78218	69050400				04010201
2189	1243	Saint Louis	Twin Lakes (East Twin)		69-0174-00			69017400	Lake	140		1854 List, MPCA 2013	PWRW	579655.4	5314017	-91.93269	47.9745	69017400				09030001
2284	844	Saint Louis	Unnamed	Rainy(Grassy Narrows)	69-0640-00			69064000	Lake	10		MDNR 2008	II	539325.7	5243611	-92.47937	47.34478	69064000				04010201

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Attachment 5A

Alphabetical by County Name

OBJECTID	File Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	EDGE	DOWNUM	AVG_Type	ACRES	NR2008ES	REFERENCE	SOURCE	STATUS	LISUTM_X	WHUTM_Y	WIDN_DD	WLAT_DD	WLON_DD	WLAT_DD	WLON_DD	XIDNUM	HIBAL	INT	L_W	HUC8
2190	1244	Saint Louis	Unnamed (FDL2) Lake		69-1454-00			691454-00	Lake			1854 List, MPCA 2013	PWRW	II	530645.4	5183288	-92.59838	45.80244	69.145400	Wholly				Fon d du Lac	04010201	
2191	1245	Saint Louis	Unnamed Lake		69-0634-00			69063400	Lake	101		MDNR 2008, 2013	PWRW	II	541177.4	5234571	-92.45569	47.26332	69.063400						04010201	
2192	1246	Saint Louis	Upper Bug Lake		69-0406-00			69040600	Lake	23		MDNR 2008, 1854 List	PWRW	II	555051.4	5221909	-92.27387	47.14838	69.040600						04010201	
2193	1247	Saint Louis	Upper Pauness Lake		69-0465-00			69046500	Lake	215		MDNR 2008, 1854 List	PWRW	II	555333.4	5337848	-92.25546	48.19146	69.046500						09030001	
2194	1248	Saint Louis	Vang Lake		69-0876-00			69087600	Lake	126		MDNR 2008, 1854 List	PWRW	II	505712.4	5189953	-92.93505	46.86509	69.087600						04010201	
1866	1	845 Saint Louis	Vermilion Falls Section - Vermilion		09030002-531	R001-46V			Stream			MPCA 2013	II	531394	5345252	-92.57702	48.2597	R001-46V							09030002	
2195	1	1249 Saint Louis	Vermilion River		09030002-531	69-river4			Stream			MPCA, BioMon 2013	PWRW	II	534397.4	5346239	-92.53647	48.26843	69-river4							09030002
2196	1250	Saint Louis	Vermilion River Lake		69-0613-00			69061300	Lake	1125		MDNR 2008, 1854 List, 2010	PWRW	II	540514.4	5318142	-92.45672	48.01529	69.061300						09030002	
2197	1251	Saint Louis	Vermilion (Rice Bay)		69-0378-00			69037800	Lake	49110		MDNR 2008, 1854 List, 2010	PWRW	II	543448.4	5301353	-92.41907	47.86404	69.037800					Bois Point	09030002	
2198	1252	Saint Louis	Wabuse Lake		69-0408-00			69040800	Lake	64		MDNR 2008, 1854 List, 2010	PWRW	II	554915.4	5233614	-92.27423	47.25371	69.040800						04010201	
2199	1253	Saint Louis	Wagon Wheel Lake		69-0735-00			69073500	Lake	11		MDNR 2008, 1854 List	PWRW	II	529917.4	5277359	-92.60165	47.64894	69.073500						09030005	
15		Saint Louis	Warren		69-0017-00			69001700	Lake	32		MPCA 2013	PWRW	II	583116	5222106	-91.90375	47.14716	69.001700						04010202	
2200	1254	Saint Louis	Washusk Number One Lake		69-0409-00			69040900	Lake	51		MDNR 2008, 1854 List, 2010	PWRW	II	554346.4	5232963	-92.28183	47.2479	69.040900						04010201	
2201	1255	Saint Louis	Washusk Number Two Lake		69-0410-00			69041000	Lake	24		1854 List, MPCA 2013, 2010	PWRW	II	553648.4	5232180	-92.29114	47.24091	69.041000						04010201	
1867	846	Saint Louis	White		69-0030-00			69003000	Lake	134		MPCA 2013	II	584677.7	5292909	-91.88178	47.21091	69.003000							04010202	
2202	1256	Saint Louis	White Iron Lake		69-0004-00			69000400	Lake	3238		MDNR 2008, 1854 List, MPCA 2013	PWRW	II	591854.4	5305023	-91.77119	47.89196	69.000400						09030001	
2203	1257	Saint Louis	White Lake		69-0571-00			69057100	Lake	56		1854 List	PWRW	II	543755.4	5261052	-92.41901	47.50143	69.057100						04010201	
1869	848	Saint Louis	Whiteface Reservoir		69-0375-00			69037500	Lake	4980		MPCA 2013	II	560994.3	5238812	-92.19325	47.29544	69.037500							04010201	
1870	849	Saint Louis	Whitewater		69-0376-00			69037600	Lake	599		MPCA 2013	II	562303.8	5260779	-92.17278	47.49746	69.037600							04010201	
2204	1258	Saint Louis	Wild Rice Reservoir		69-0371-00			69037100	Lake	2133		MDNR 2008, UofM/MPCA	PWRW	II	562102.4	5193400	-92.18479	46.89124	69.037100						04010202	
1871	850	Saint Louis	Wolf		69-0161-00			69016100	Lake	301		MPCA 2013	II	573041.6	5303806	-92.02302	47.88343	69.016100							09030001	

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OBJECTID	File	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE_Eng	DOVWKNUM	MWB_Type	ACRES	NR20R	REFERENCE	SOURCE	STATUS	LIST	JTM_X	JTM_Y	WIDN_DD	WAT_DD	XIDNUM	RIBAL_ID	INT	al_W	HUC8
2205		1259	Saint Louis	Wolf Lake		69-0143-00		69014300	Lake	456		MDNR 2008, Ucfm/MPCA 2013, MDNR APN, MCBS 2011, 1854 Ust, 2010	PWRW		579749.4	5236658	-91.94552	47.27855	69014300					04010202
2206		1260	Saint Louis	Wynne Lake		69-0434-02		69043402	Lake	764		1854 Ust, MPCA 2013	PWRW		553562.4	5267731	-92.28798	47.56079	69043402					04010201
2314		Scott		Arctic	Unnamed	70-0085-00		70008500	Lake	20		MDNR 2008, II			463766.4	4951932	-93.4575	44.71985			Partial			07020012
1276		1056	Scott	Blue Lake		70-0088-00		70008800	Lake	316	120	MDNR 2008, II			465553.4	4961261	-93.43557	44.80392	70008800					07020012
1277		1057	Scott	Fisher Lake		70-0087-00		70008700	Lake	396		MDNR 2008, Ucfm/MPCA 190, 2013, 2010	PWRW		467308.4	4960744	-93.41335	44.79935	70008700					07020012
1278		1058	Scott	Raven Stream W Branch		07020012-842	14MN132		Stream			MPCA, BioMon			451227.4	4937446	-93.61444	44.58871	14MN132					07020012
2017		772	Scott	Rice		70-0001-00		70000100	Lake	55		MDNR 2008, II			478026.1	4938923	-93.2769	44.60332	70000100					07040001
2018		773	Scott	Rice		70-0060-00		70006000	Lake	27		MDNR 2008, II			465030	4949238	-93.44137	44.69611	70006000					07020012
1279		1059	Scott	Rice Lake		70-0025-00		70002500	Lake	328	160	MDNR 2008, II			468924.4	4959737	-93.39285	44.79035	70002500					07020012
2019		774	Sherburne	Ann		71-0069-00		71006900	Lake	226		MPCA 2013, II			446312.3	5030622	-93.6863	45.42706	71006900					07010203
1280		1060	Sherburne	Big Mud Lake	Orrock	71-0085-00		71008500	Lake	263	100	MDNR 2008, Ucfm/MPCA 100, 2013, 2010	PWRW		441605.4	5033566	-93.74681	45.45318	71008500					07010203
2020		775	Sherburne	Birch		71-0057-00		71005700	Lake	149		MPCA 2013, II			447619.7	5024992	-93.66899	45.37648	71005700					07010203
1281		1061	Sherburne	Boyd Lake		71-0118-00		71011800	Lake	160	20	MPCA 2013, II			431409.4	5041114	-93.87825	45.52019	71011800					07010203
1282		1062	Sherburne	Buck Lake	Unnamed	71-0187-00	71IMP007	71018700	Lake	30	26	MDNR 2008, II			444319.7	5039509	-93.71278	45.50689	71IMP007					07010203
2340		776	Sherburne	Clitty		71-0116-00		71011600	Lake	56		MDNR 2008, II			430869.8	5029499	-93.88349	45.41517	71011600					07010203
2021		777	Sherburne	Elk		71-0141-00		71014100	Lake	352		MPCA 2013, II			426071.4	5035740	-93.94578	45.47127	71014100					07010203
2022		777	Sherburne	Fremont		71-0016-00		71001600	Lake	466		MDNR 2008, II			455377.5	5033883	-93.57072	45.45705	71001600					07010203
1283		1063	Sherburne	Jim Lake		71-0111-00		71011100	Lake	20	20	MDNR 2008, II			436194.4	5037461	-93.81652	45.48776	71011100					07010203
1284		1064	Sherburne	Johnson Slough		71-0084-00		71008400	Lake	65	10	MDNR 2008, II			440951.4	5035286	-93.75538	45.4688	71008400					07010203
1285		1065	Sherburne	Josephine Pool		71-0068-00		71006800	Lake	143	72	MDNR 2008, II			446688.4	5034283	-93.68189	45.46004	71006800					07010203
2023		778	Sherburne	Kliever Marsh		71-0003-00		71000300	Lake	37		MDNR 2008, II			458203.1	5015446	-93.53302	45.29127	71000300					07010203
2024		779	Sherburne	Long Pond		71-0036-00		71003600	Lake	82		MDNR 2008, Survey			456124.9	5039983	-93.56171	45.512	71003600					07010207
1286		1066	Sherburne	Lower Roadside Lake		71-0376-00		71037600	Lake	8	7	MDNR 2008, II			438786.4	5037114	-93.78331	45.48487	71037600					07010203

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PROJECT_ID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	II_SITE_EING	DOWNLUMINUM	MB_Type	ACRES	NRZ00BES	REFERENCE	SOURCE	STATUS	USUTM_X	WBUTM_Y	WIDN_DD	W_LAT_DD	W_LONG	MIBAL	INT	II_W	HUC8
2025	780	Sherburne	Lundberg Slough		71-0109-00		71010900	Lake	50		MDNR 2008, Survey	PWRW		435029.7	5028968	-93.77918	45.41157	71010900				07010203
2026	781	Sherburne	Mitchell		71-0081-00		71008100	Lake	156		MPCA 2013	II		440642.3	5021751	-93.75771	45.34676	71008100				07010203
1287	1067	Sherburne	Muskrat Pool		71-0297-00	003	71029700	Lake	299	15	MDNR 2008	PWRW		441985.9	5038148	-93.74249	45.49445	71029700				07010203
1289	1069	Sherburne	Pool 1 (delete entry per Ann Geisen email 04.27.17.		DNR		71IMP001		2	2	MDNR 2008	PWRW		443251.9	5041412	-93.72667	45.52393	71IMP001				07010101
1290	1070	Sherburne	Pool 2		71008400		71IMP002		30	15	MDNR 2008	PWRW		441565.2	5034945	-93.74749	45.46559	71IMP002				07010203
2027	782	Sherburne	Pool 31		71-0387-00	011	71038700	Lake			MDNR 2008	II		445479.8	5038899	-93.69786	45.50149	71IMP011				07010203
2028	783	Sherburne	Rice		71-0015-00		71001500	Lake	11		MDNR 2008	II		454248	5025824	-93.58442	45.38444	71001500				07010203
2029	784	Sherburne	Rice		71-0078-00		71007800	Lake	505		MDNR 2008, 2010	PWRW		447463.7	5037182	-93.67228	45.48619	71007800				07010203
2030	785	Sherburne	Rice Creek		07010203-512		71-river1	Stream			MDNR 2008	II		423868.5	5037158	-93.97418	45.4838	71-river1				07010203
1291	1071	Sherburne	Rice Lake		71-0142-00		71014200	Lake	187	2	MDNR 2008	PWRW		426996.4	5043576	-93.93512	45.54189	71014200				07010203
2031	786	Sherburne	Rush		71-0147-00		71014700	Lake	161		MPCA 2013	II		427091.1	5037604	-93.93302	45.48816	71014700				07010203
2032	787	Sherburne	Sand Prairie WMA	Vision Pool	71-0404-00	601	71040400	Lake			MPCA 2013	PWRW		414787.4	5043624	-94.09149	45.54094	1	W015260			07010203
2033	788	Sherburne	Sandy		71-0040-00		71004000	Lake	70		MPCA 2013	II		459461.3	5037133	-93.51876	45.48655	71004000				07010207
1325	1072	Sherburne	Schoolhouse Pool		71-0296-00	009	71029600	Lake	225	90	MDNR 2008, 2010	PWRW		444851.3	5036485	-93.70563	45.47971	71IMP009				07010203
2041	789	Sherburne	Unnamed		71-0025-00		71002500	Lake	31		MDNR 2008	II		453303.6	5031466	-93.61036	45.43556	71002500				07010203
1326	1073	Sherburne	Unnamed Lake		71-0148-00		71014800	Lake	89		MDNR APM	II		419996.4	5034036	-94.02321	45.45527	71014800				07010203
1328	1075	Sherburne	Unnamed wetland		71-0155-00		71015500	Lake	71		MDNR APM	II		419484.4	5033395	-94.02966	45.44944	71015500				07010203
1329	1076	Sherburne	Unnamed wetland		71-0216-00		71021600	Lake	8		MDNR APM	II		418552.4	5034813	-94.04181	45.46209	71021600				07010203
1327	1074	Sherburne	Unnamed wetland		71-0154-00		71015400	Lake	49		MDNR APM	II		418803.4	5034015	-94.03847	45.45494	71015400				07010203
2034	789	Sherburne	Upper Roadside		71-0375-00	005	71IMP005	Lake			MDNR 2008	II		438820.4	5037347	-93.7829	45.48697	71IMP005				07010203
2035	790	Sibley	Titlow		72-0042-00		72004200	Lake	924		MDNR 2008	II		404821.4	4935962	-94.1987	44.57071	72004200				07020012
1872	851	Stearns	Achman		73-0125-00		73012500	Lake	49		MPCA 2013	II		390596	5051050	-94.40294	45.60438	73012500				07010201
2338	852	Stearns	Anna		73-0126-00		73012600	Lake	133		MDNR 2008, Survey	PWRW		387972.7	5051705	-94.43703	45.61042	73012600				07010201
2207	1261	Stearns	Beaver Lake		73-0023-00		73002300	Lake	158		MDNR APM	PWRW		402600.4	5029631	-94.24478	45.41341	73002300				07010203
1873	852	Stearns	Big		73-0159-00		73015900	Lake	446		MPCA 2013	II		376622.2	5031024	-94.57702	45.42185	73015900				07010202
2339	853	Stearns	Big Rice		73-0168-00		73016800	Lake	282		MDNR 2008	II		379506.9	5043722	-94.54117	45.53987	73016800				07010201
1874	853	Stearns	Big Spunk		73-0117-00		73011700	Lake	410		MPCA 2013, MDNR APM	PWRW		385259.2	5050033	-94.47111	45.59437	73011700				07010201
2332	853	Stearns	Cedar		73-0226-00		73022600	Lake	152		MDNR 2008, Survey	PWRW		364096.3	5062767	-94.74789	45.7046	73022600				07010202

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OBJECTID	FILE_NUM	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	EDGE	DOWNUM	WBS	TYPE	ACRES	NR2008ES	REFERENCE	SOURSTATUS	LIST	JTM_X	JTM_Y	WIDN	Y_WIDN	DD	W_LAT	DO_W	XIDNUM	RIBAL	INTL_W	HUC8
1875	854	Stearns	Cedar		73-0255-00			73025500	Lake	243			MPCA 2013	II		352528.3	506819.1	-94.89606	45.75154	73025500					07010202	
1876	855	Stearns	Cedar Island		73-0133-00			73013300	Lake	995			MPCA 2013	II		383038.5	508090.1	-94.49501	45.42185	73013300					07010202	
1877	856	Stearns	Crow		73-0279-00			73027900	Lake	461			MDNR 2008, Survey	PWRW		340671.9	503365.0	-95.03713	45.43821	73027900					07010204	
1878	857	Stearns	Fifth		73-0180-00			73018000	Lake	76			MDNR 2008	II		379947.1	504994.9	-94.53917	45.59271	73018000					07010201	
1879	858	Stearns	Fish		73-0281-00			73028100	Lake	204			MDNR 2008, Survey	PWRW		337327.7	503126.1	-95.07907	45.41595	73028100					07010204	
2208	1262	Stearns	Goodners Lake		73-0076-00			73007600	Lake	285			MPCA 2013	PWRW		392199.4	502693.0	-94.37708	45.38758	73007600					07010202	
2209	1263	Stearns	Grand Lake		73-0055-00			73005500	Lake	666			MPCA 2013	PWRW		395423.4	503233.9	-94.33706	45.43675	73005500					07010202	
1880	859	Stearns	Grass		73-0294-00			73029400	Lake	157			MDNR 2008	II		333323.9	503260.8	-95.13066	45.42712	73029400					07010204	
1881	860	Stearns	Gravel		73-0204-00			73020400	Lake	55			MDNR 2008	II		371591.7	504822.1	-94.6458	45.57567	73020400					07010201	
1882	861	Stearns	Great Northern		73-0083-00			73008300	Lake	113			MPCA 2013	II		385142.8	503292.7	-94.46859	45.44042	73008300					07010202	
1884	863	Stearns	Henry		73-0160-00			73016000	Lake	62			MDNR 2008	II		378906.3	504808.4	-94.55205	45.57575	73016000					07010201	
1883	862	Stearns	Henry		73-0237-00			73023700	Lake	191			MDNR 2008	II		358074.8	503678.3	-94.81565	45.47014	73023700					07010202	
1885	864	Stearns	Island		73-0104-00			73010400	Lake	118			MPCA 2013	II		390817.2	504551.4	-94.39886	45.5546	73010400					07010201	
1886	865	Stearns	Koronis (Mud)		73-0200-01			73020001	Lake	156			MPCA 2013	II		369913.5	502152.5	-94.66023	45.33517	73020001					07010204	
1887	866	Stearns	Laura		73-0020-00			73002000	Lake	147			MPCA 2013	II		406570.7	502174.1	-94.19256	45.34295	73002000					07010203	
1888	867	Stearns	Linneman		73-0127-00			73012700	Lake	108			MDNR 2008, Survey	PWRW		387204.9	505065.8	-94.44632	45.60031	73012700					07010201	
1889	868	Stearns	Little Rice		73-0167-00			73016700	Lake	56			MDNR 2008, Survey	PWRW		381022.6	504526.8	-94.52425	45.55078	73016700					07010201	
1891	870	Stearns	Long		73-0105-00			73010500	Lake	31			MPCA 2013	II		390036	504530.5	-94.40882	45.55259	73010500					07010201	
1890	869	Stearns	Long		73-0139-00			73013900	Lake	478			MPCA 2013	II		380681	502710.3	-94.52421	45.38727	73013900					07010202	
1892	871	Stearns	Lower Spunk		73-0123-00			73012300	Lake	269			MDNR 2008, Survey	PWRW		386245.7	505262.9	-94.45907	45.61789	73012300					07010201	
1893	872	Stearns	Marie		73-0014-00			73001400	Lake	145			MPCA 2013	II		404365.7	501846.5	-94.22006	45.31317	73001400					07010203	
2210	1264	Stearns	McCormic Lake		73-0273-00			73027300	Lake	211			UofM/MPCA 2013	PWRW		351777.3	506448.7	-94.90458	45.71806	73027300					07010202	
1894	873	Stearns	Middle Spunk		73-0128-00			73012800	Lake	242			MDNR 2008	II		386132.7	505149.3	-94.46026	45.60765	73012800					07010201	
1895	874	Stearns	Mud		73-0161-00			73016100	Lake	55			MDNR 2008	II		378197.5	504854.0	-94.56125	45.57973	73016100					07010201	
1896	875	Stearns	North Brown's		73-0147-00			73014700	Lake	312			MPCA 2013	II		379605.1	502697.7	-94.53792	45.38595	73014700					07010202	
8		Stearns	North Fork Crow River	North Fork WMA	07010204-685	NFCR	1	4	Stream																	
2211	1265	Stearns	Ochotto Lake		73-0122-00			73012200	Lake	40			MPCA 2013	PWRW		340842.1	504386.2	-95.03827	45.53011						07010204	
1897	876	Stearns	Otter		73-0015-00			73001500	Lake	125			MDNR 2008, MCGS 2017	PWRW		387120.4	505287.7	-94.44791	45.62026	73012200					07010201	
2212	1266	Stearns	Padua Lake		73-0277-00			73027700	Lake	100			UofM/MPCA 2013	PWRW		409260.6	501958.0	-94.15783	45.32386	73001500					07010203	
1898	877	Stearns	Pearl		73-0037-00			73003700	Lake	755			MPCA 2013	II		342681.4	505425.8	-95.01808	45.62404	73027700					07010204	
1899	878	Stearns	Pelican		73-0118-00			73011800	Lake	344			MPCA 2013	II		397750.1	502810.4	-94.30644	45.39898	73003700					07010202	
40		Stearns	Raush Marsh	(Unnamed)	73-0449-00			73044900	Wetland	43			MDNR 2008, APM	II		375687.1	503381.4	-94.58981	45.44677	73044900					07010202	

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Alphabetical by County Name

PROJECT_ID	FILE_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	DOWNLNUM	WBS_Type	ACRES	NR2008ES	REFERENCE	SOURCE	TATUS	LISTUM_X	WUTUM_Y	WIDN_DD	W_LAT_DD	W	XIDNUM	IBA_L	INT	JA_L	W	HUC8
2213	1267	Stearns	Raymond Lake		73-0285-00		73028500	Lake	126					PWRW	342340.4	5055085	-95.02272	45.6314	73028500					07010204
1360	1268	Stearns	Restored Wedland		73-0077-00		73007700	Lake						II	391999.4	5050241	-94.38477	45.59732	73007700					07010201
1900	879	Stearns	Rice		73-0196-00		73019600	Lake	1568					II	375074.7	5025807	-94.62101	45.37427	73019600					07010204
1901	880	Stearns	Sagatagan		73-0092-00		73009200	Lake	170					II	391513.1	5047548	-94.3904	45.57301	73009200					07010201
1902	881	Stearns	Schultz Slough		73-0201-00		73020100	Lake	29					II	369729.7	5024415	-94.66334	45.36113	73020100					07010204
1361	1269	Stearns	South Twin Lake		73-0276-00		73027600	Lake	64	15	MPCA 2013			PWRW	352029.3	5070371	-94.90314	45.77104	73027600					07010202
1903	882	Stearns	Swamp		73-0069-00		73006900	Lake	40					II	393806.3	5052758	-94.36215	45.62025	73006900					07010201
1362	1270	Stearns	Tamarack Lake		73-0278-00		73027800	Lake	470	235	2010			PWRW	336803.3	5036214	-95.08741	45.46038	73027800					07010204
1904	883	Stearns	Unnamed		73-0017-00		73001700	Lake	47					II	410539.8	5016610	-94.14279	45.38729	73001700					07010203
1363	1271	Stearns	Unnamed (Tower WMA)		73-0343-00		73034300	Lake	10	10	MPCA 2013			PWRW	334649.4	5060325	-95.1231	45.67674	73034300					07010202
1364	1272	Stearns	Unnamed Lake		73-0274-00		73027400	Lake	127	100	MPCA 2013			PWRW	351726.4	5063837	-94.90504	45.71221	73027400					07010202
1905	884	Stearns	Zumwalde		73-0089-00		73008900	Lake	111					II	383763.4	5032348	-94.48609	45.43499	73008900					07010202
1365	1273	Steele	Oak Glen Lake		74-0004-00		74000400	Lake	350	4	MDNR 2008			PWRW	493771.4	4863985	-93.0776	43.93895	74000400					07040002
1366	1274	Steele	Rice Lake		74-0001-00		74000100	Lake	697	467	2013			PWRW	495329.4	4881103	-93.05834	44.08309	74000100					07040004
2328	1276	Stevens	Unnamed		75-0013-00		75001300	Lake	13					II	279949.4	5049675	-95.81989	45.5658						07020002
2330	1277	Swift	Unnamed		76-0045-00		76004500	Lake	23					II	322377.7	5023638	-95.26726	45.34374						07020005
2329	1278	Swift	Unnamed		76-0038-00		76003800	Lake	12					II	316801.1	5030376	-95.34088	45.40291						07020005
1367	1275	Todd	Beauty Lake		77-0035-00		77003500	Lake	255					PWRW	368329.4	5096222	-94.70068	46.00692	77003500					07010104
1368	1276	Todd	Beck Lake		77-0056-00		77005600	Lake	57	25	MDNR 2008			PWRW	367051.4	5114622	-94.72233	46.1722	77005600					07010108
29	885	Todd	Big		77-0069-00		77006900	Lake	294					II	370183.8	5110557	-94.68085	46.13624	77006900					07010104
1906	885	Todd	Big Birch		77-0084-00		77008400	Lake	2025					II	364674.1	5069762	-94.74042	45.76816	77008400					07010202
1369	1277	Todd	Big Swan Lake		77-0023-00		77002300	Lake	918					PWRW	364049.4	5082694	-94.7521	45.89438	77002300					07010104
1370	1278	Todd	Cass County Lake		77-0004-00		77000400	Lake	25	18	MDNR 2008			PWRW	373006.4	5122209	-94.64725	46.24159	77000400					07010108
1371	1279	Todd	Charlotte Lake		77-0120-00		77012000	Lake	181					PWRW	355601.4	5090407	-94.86324	45.95205	77012000					07010108
1907	886	Todd	Coal		77-0046-00		77004600	Lake	178					II	364292.7	5104601	-94.75518	46.08151	77004600					07010108
1908	887	Todd	Fairy		77-0154-00		77015400	Lake	303					II	345634.3	5072585	-94.98605	45.78956	77015400					07010202
1909	888	Todd	Hayden		77-0080-00		77008000	Lake	253					II	363849.2	5133952	-94.76938	46.34545	77008000					07010106
1910	889	Todd	Jacobson		77-0143-00		77014300	Lake	40	28	MDNR 2008			II	357429.7	5132344	-94.85227	46.32967	77014300					07010108
1372	1280	Todd	Jaeger Lake		77-0075-00		77007500	Lake	46					PWRW	365957.4	5119300	-94.73782	46.21406	77007500					07010108
1911	890	Todd	Lady		77-0032-00		77003200	Lake	207					II	364184.9	5079644	-94.74949	45.85697	77003200					07010104

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OBJECTID	File#	Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	Eng	DOWLNUM	WBS_Type	ACRES	NR2008ES	REFERENCE	SOURCE	STATUS	LIST	X_WJTM	Y_WJTM	DD_WLAT	DD_WLON	DD_WLAT	DD_WLON	XIDNUM	RIBAL	INT	al_W	HUC3
1912		891	Todd	Lawrence		77-0083-00			77008300	Lake	172		MDNR 2008	II			364181.5	5130765	-94.76414	-94.76414	46.31685	77008300				07010108	
1913		892	Todd	Lily		77-0358-00			77035800	Lake	56		MPCA 2013	II			345803.1	5074074	-94.98307	-94.98307	45.80302	77035800				07010202	
1373		1281	Todd	Little Birch Lake		77-0089-00			77008900	Lake	793		UofM/MPCA 2013, MDNR APM, MPCA 2013	PWRW			360682.4	5072187	-94.79243	-94.79243	45.78918	77008900				07010202	
1914		893	Todd	Little Fishtrap		77-0074-00			77007400	Lake	51		MDNR 2008	II			367145.8	5118756	-94.72227	-94.72227	46.20941	77007400				07010108	
1374		1282	Todd	Little Osakis Lake		77-0201-00			77020100	Lake	124		MDNR APM	PWRW			341453.4	5090862	-95.04583	-95.04583	45.95302	77020100				07010202	
1915		894	Todd	Little Pine		77-0194-00			77019400	Lake	16		MDNR 2008	II			363237.8	5118142	-94.77273	-94.77273	46.20911	77019400				07010108	
1916		895	Todd	Little Pine (Little Rice)		77-0042-00			77004200	Lake	71		MDNR 2008	II			365361.6	5091656	-94.73771	-94.73771	45.96526	77004200				07010104	
1917		896	Todd	Little Rice		77-0054-00			77005400	Lake	71		MDNR 2008	II			366152.4	5115957	-94.73434	-94.73434	46.18403	77005400				07010108	
1918		897	Todd	Little Swan		77-0034-00			77003400	Lake	178		MPCA 2013	II			368723.7	5087719	-94.69326	-94.69326	45.93049	77003400				07010104	
1920		899	Todd	Long		77-0149-00			77014900	Lake	215		MPCA 2013	II			353184.7	5073403	-94.88921	-94.88921	45.79857	77014900				07010202	
1919		898	Todd	Long		77-0357-00			77035700	Lake	98		MPCA 2013	II			346167.6	5074702	-94.97987	-94.97987	45.80872	77035700				07010202	
1375		1283	Todd	Long Lake		77-0069-00			77006900	Lake	356		2007, MDNR 2008, 2010	PWRW			368640.4	5117578	-94.70257	-94.70257	46.1991	77006900				07010108	
1376		1284	Todd	Long Lake		77-0027-00			77002700	Lake	372		MDNR APM, MPCA 2013	PWRW			366268.4	5082868	-94.72356	-94.72356	45.88638	77002700				07010104	
1377	1	1285	Todd	Long Prairie River		07010108-501	77-river1			Stream			2007	II			372636.6	5131533	-94.65457	-94.65457	46.3254	77-river1				07010108	
1921		900	Todd	Mill		77-0050-00			77005000	Lake	166		MPCA 2013	II			364879.8	5099670	-94.74619	-94.74619	46.03726	77005000				07010108	
1922		901	Todd	Mud		77-0070-00			77007000	Lake	219		MDNR 2008	II			370718.8	5125775	-94.67789	-94.67789	46.27324	77007000				07010108	
1378		1285	Todd	Mud Lake		77-0087-00			77008700	Lake	398		MDNR 2008, 318 2010	PWRW			363097.4	5108399	-94.77173	-94.77173	46.11543	77008700				07010108	
1923		902	Todd	North Twin		77-0158-00			77015800	Lake	71		MPCA 2013	II			351689.2	5071704	-94.90792	-94.90792	45.78296	77015800				07010202	
13			Todd	Osakis		77-0215-00			77021500	Lake	6889		MPCA 2013	II			336099.1	5084983	-95.11287	-95.11287	45.89888	77021500				07010202	
1924		903	Todd	Peat		77-0055-00			77005500	Lake	28		MPCA 2013	II			364087.5	5116106	-94.76113	-94.76113	46.18496	77005500				07010108	
1925		904	Todd	Pendergast		77-0207-00			77020700	Lake	93		MDNR 2008	II			335541.8	5115657	-95.13063	-95.13063	46.17463	77020700				07010106	
1926		905	Todd	Pine Island		77-0077-00			77007700	Lake	156		MDNR 2008	II			363950.5	5118241	-94.76352	-94.76352	46.20414	77007700				07010108	
1927		906	Todd	Rice		77-0235-00			77023500	Lake	28		MDNR 2008	II			363617.4	5098461	-94.76215	-94.76215	46.02614	77023500				07010108	
1379		1287	Todd	Rice Lake		77-0061-00			77006100	Lake	675		MDNR 2008, 60 2010	PWRW			365574.4	5110775	-94.74036	-94.74036	46.1373	77006100				07010108	
1380		1288	Todd	Robbinson Pond		77-0378-00	77IMP			Lake	60		MDNR 2008	PWRW			372220.7	5111056	-94.65443	-94.65443	46.14111	77IMP001				07010104	
1381		1289	Todd	Rogers Lake		77-0073-00			77007300	Lake	185		2007, MDNR 2008, 2010	PWRW			370069.4	5118513	-94.68432	-94.68432	46.20778	77007300				07010108	
2317			Todd	Sheets		77-0122-00			77012200	Lake	100		MDNR 2008	II			358098.1	5178.3	-94.83543	-94.83543	46.08544					07010108	
1928		907	Todd	Spier		77-0148-00			77014800	Lake	53		MPCA 2013	II			353045.2	5076796	-94.89204	-94.89204	45.82906	77014800				07010202	
1929		908	Todd	Stones		77-0081-00			77008100	Lake	63		MDNR 2008	II			365947.2	5133653	-94.74204	-94.74204	46.34318	77008100				07010106	
1930		909	Todd	Thunder		77-0066-00			77006600	Lake	215		MDNR 2008	II			365006.5	5108607	-94.74709	-94.74709	46.11769	77006600				07010108	
1931		910	Todd	Tucker		77-0139-00			77013900	Lake	43		MDNR 2008	II			355892.3	5134061	-94.87276	-94.87276	46.34479	77013900				07010108	
1382		1290	Todd	Turtle Creek		07010108-513	77-river2			Stream			2007	PWRW			361624.9	5116381	-94.79311	-94.79311	46.18695	77-river2				07010108	
1383		1291	Todd	Turtle Lake		77-0088-00			77008800	Lake	124		MDNR APM	PWRW			363415.4	5116824	-94.77004	-94.77004	46.19128	77008800				07010108	

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OBJECTID	File_Num	COUNTYNAME	NAME	AUT_NAME	MPCA_WID	IT_SITE_Eng	DOMLXNUM	WB_Type	ACRES	NR2008ES	REFERENCE	SOURCE	STATUS	LISTM_X	WHITM_Y	WHON_DD	WLAT_DD	W	XIDNUM	liba_id	INTal_W	HUC3
1384	1292	Todd	Twin Lake		77-0021-00		77002100	Lake	317	159	2010	MDNR 2008,	PWRW	365675.4	5077372	-94.72967	45.83682	77002100				07010104
1384	913	Todd	Unnamed		77-0140-00		77014000	Lake	61		MDNR 2008	II	356730.8	5134116	-94.86189	45.34546	77014000					07010108
1383	912	Todd	Unnamed		77-0259-00		77025900	Lake	50		MPCA 2013	II	351965.6	5077277	-94.90608	45.83316	77025900					07010202
1392	911	Todd	Unnamed		77-0197-00		77019700	Lake	53		MDNR 2008	II	339379.6	5097866	-95.07493	46.01553	77019700					07010108
2318		Todd	Unnamed		77-0202-00		77020200	Lake	70		MDNR 2008	II	336097.8	5091408	-95.11508	45.95667						07010202
1385	1293	Todd	Unnamed Lake		77-0176-00		77017600	Lake	40	2	MDNR 2008	PWRW	348113.4	5100777	-94.9631	46.0437	77017600					07010108
1386	1294	Todd	Unnamed Lake		77-0178-00		77017800	Lake	42	23	MDNR 2008	PWRW	347393.4	5099469	-94.97198	46.03178	77017800					07010108
1387	1295	Todd	West Nelson Lake		77-0005-00		77000500	Lake	84	70	2010	MDNR 2008,	PWRW	372538.4	5128000	-94.65489	46.2936	77000500				07010108
1395	914	Todd	William		77-0180-00		77018000	Lake	131		MPCA 2013	II	343284.9	5075687	-95.01727	45.81694	77018000					07010202
1388	1296	Wabasha	Maloney Lake		79-0001-03		79000103	Lake			UofM/MPCA 2013	PWRW	585932.4	4899138	-91.92382	44.2404	79000103					07040003
1396	915	Wabasha	McCarthy		79-0006-00		79000600	Lake	57		MPCA 2013	II	581290.8	4905121	-91.98101	44.2948	79000600					07040003
1389	1297	Wabasha	Mississippi Pool 4/Robinson Lake		79-0005-02		79000502	Lake			UofM/MPCA 2013	PWRW	579681.4	4912279	-92.00009	44.3594	79000502					07040003
539	237	Wabasha	Mississippi Pool 5 / Spring		07040003-627	S007-690		Stream			UofM/MPCA 2013	PWRW	592209.4	4894657	-91.84602	44.1993	S007-690					07040003
538	236	Wabasha	Mississippi Pool 5 / Spring		07040003-627	S007-660		Stream			UofM/MPCA 2013	PWRW	592333.4	4894938	-91.84442	44.20182	S007-660					07040003
1397	916	Wabasha	Unnamed		79-0012-00		79001200	Lake	8		MDNR 2008	II	583963.5	4902105	-91.948	44.26734	79001200					07040003
1390	1298	Wabasha	Unnamed Lake	McCarthy Lake WMA	79-0052-00	W0580 001	79005200	Lake	160	25	2010	MDNR 2008,	PWRW	582851.5	4902952	-91.9618	44.2751	W058000				07040003
1391	1299	Wadena	Blueberry Lake		80-0034-00		80003400	Lake	555	30	2010	MDNR 2008,	PWRW	340678.4	5183219	-95.08724	46.78348	80003400				07010106
1392	1300	Wadena	Burgen Lake		80-0018-00		80001800	Lake	92	86	2010	MDNR 2008,	PWRW	357257.3	5176717	-94.86815	46.72876	80001800				07010106
1393	1301	Wadena	Crow Wing River		07010106-510	81river		Stream		2007	2007	II	363179.2	5141864	-94.78039	46.41649	81river					07010106
1394	1302	Wadena	Finn Lake		80-0028-00		80002800	Lake	148	30	MDNR 2008	PWRW	351162.3	5179533	-94.94878	46.75275	80002800					07010106
1395	1303	Wadena	Granning Lake		80-0012-00	800027	80001200	Lake	50	50	2010	MDNR 2008,	PWRW	358221.4	5165123	-94.85074	46.5887	80001200				07010106
1398	917	Wadena	Jim Cook		80-0027-02	00	80002702	Lake	238		MDNR 2008	II	346108.2	5178879	-95.0147	46.74572	80002700					07010106
1396	1304	Wadena	Lower Twin Lake		80-0030-00		80003000	Lake	267	5	MCBS 2011	PWRW	344464.4	5184777	-95.0362	46.79838	80003000					07010106
1399	918	Wadena	Rice		80-0024-00		80002400	Lake	8		MDNR 2008	II	348360.9	5172350	-94.98307	46.68752	80002400					07010106
1397	1305	Wadena	Round Lake		80-0019-00		80001900	Lake	58	58	2010	MDNR 2008,	PWRW	357635.4	5185012	-94.85578	46.80344	80001900				07010106
1398	1306	Wadena	Stocking Lake		80-0037-00		80003700	Lake	356		MDNR APM, MPCA 2013	PWRW	342162.4	5180744	-95.06696	46.76158	80003700					07010106
1399	1307	Wadena	Strike Lake		80-0013-00		80001300	Lake	76	76	2010	MDNR 2008,	PWRW	357401.4	5161848	-94.86167	46.59505	80001300				07010106

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OBJECTID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	IT_SITE	Eng	DOWNUM	WB_Type	ACRES	NRZONES	REFERENCE	SOURCE	STATUS	USDTM_X	WRJT_M_Y	WIDN_DD	W_AT_DP	XIDNUM	UBAL	INTI	al_W	HUC6
1400	1308	Wadena	Unnamed Lake		80-0007-00		80000700	Lake		16	16	MDNR 2008	PWRW		357964.4	5136900	-94.8584	46.30757	80000700				07010106
1401	1309	Wadena	Yaeger Lake		80-0022-00		80002200	Lake		384	384	MDNR 2008, 346/2010	PWRW		349081.4	5173918	-94.97417	46.70178	80002200				07010106
1		Waseca	Everson Lake		81-0027-00			Lake		79	79	20/2010	PWRW		459752.2	4889875	-93.50337	44.16097	81002700				07040002
1940	919	Waseca	Goose		81-0016-00		81001600	Lake		370	370	MPCA 2013	II		464725.4	4880535	-93.44055	44.07714	81001600				07040002
1402	1310	Waseca	Lily Lake		81-0067-00		81006700	Lake		118	118	UoFM/MPCA 2013, MDNR APM, MPCA 2013, 2010	PWRW		448852.4	4893435	-93.64003	44.19234	81006700				07020011
1942	921	Waseca	Rice		81-0022-00		81002200	Lake		214	214	MDNR 2008	II		461825.9	4884013	-93.47701	44.10831	81002200				07040002
1941	920	Waseca	Rice		81-0088-00		81008800	Lake		75	75	MDNR 2008	II		440095.6	4892291	-93.74946	44.18137	81008800				07020011
39		Washington	Kesmit	(Unnamed)	82-0333-00		82033300	Wetland		8	8	MDNR APM	II		503103.9	4994409	-92.96051	45.103	82033300				07010206
1403	1311	Washington	Mud Lake		82-0168-00		82016800	Lake		230	230	MDNR APM, MPCA 2013	II		498334.4	5012429	-93.02123	45.26536	82016800				07010206
1404	1312	Washington	Rice Lake		82-0146-00		82014600	Lake		115	115	MDNR APM, MPCA 2013	PWRW		502713.4	5000545	-92.96548	45.15838	82014600				07010206
1405	1313	Wright	Clearwater Lake		86-0252-00		86025200	Lake		3704	3704	MDNR APM	PWRW		412165.4	5017388	-94.12039	45.3045	86025200				07010203
1943	922	Wright	Fish		86-0183-00		86018300	Lake		104	104	MPCA 2013	II		420465.1	5026020	-94.01593	45.38318	86018300				07010203
1944	923	Wright	Grass		86-0243-00		86024300	Lake		92	92	MDNR 2008	II		412802.8	5020231	-94.11276	45.33017	86024300				07010203
1945	924	Wright	Grass		86-0257-00		86025700	Lake		2	2	MDNR 2008	II		409880	4987672	-94.14417	45.03677	86025700				07010204
30		Wright	Indian		86-0223-00		86022300	Lake		139	139	MCBS 2017	II		419623.5	5017632	-94.02531	45.30759	86022300				07010203
31		Wright	Little Mary	Marie	86-0139-02		86013902	Lake		127	127	MCBS 2017	PWRW		424816.7	5019123	-93.9593	45.32158	86013902				07010203
1946	925	Wright	Long		86-0246-00		86024600	Lake		85	85	MPCA 2013	II		416709.8	5020037	-94.06288	45.32889	86024600				07010203
1947	926	Wright	Louisa		86-0282-00		86028200	Lake		183	183	MDNR 2008, UoFM/MPCA 2013	II		402448.3	5018002	-94.24443	45.30874	86028200				07010203
1948	927	Wright	Malardi		86-0112-00		86011200	Lake		149	149	MDNR 2008	II		429322.6	4992383	-93.89802	45.08138	86011200				07010204
1949	928	Wright	Millstone		86-0152-00		86015200	Lake		221	221	MDNR 2008	II		422075.2	5015323	-93.99368	45.28708	86015200				07010203
32		Wright	Nixon		86-0238-00		86023800	Lake		60	60	MCBS 2017	PWRW		417395.9	5023395	-94.05466	45.35919	86023800				07010203
2285	930	Wright	Rice		86-0032-00		86003200	Lake		245	245	MDNR 2008	II		438289.7	4981029	-93.7827	44.98007	86003200				07010205
2286	931	Wright	Rice		86-0164-00		86016400	Lake		93	93	MDNR 2008	II		422071.1	5025950	-93.9954	45.38273	86016400				07010203
1950	929	Wright	Rice		86-0002-00		86000200	Lake		57	57	MDNR 2008	II		455481.2	5009856	-93.56723	45.24079	86000200				07010204
2287	932	Wright	Rock		86-0182-00		86018200	Lake		181	181	MPCA 2013	II		420396.6	5002416	-94.01301	45.17073	86018200				07010204
1406	1314	Wright	Sandy Lake		86-0224-00		86022400	Lake		118	118	MDNR 2008, 118/2010	PWRW		416290.4	5017946	-94.06787	45.31003	86022400				07010203
2288	933	Wright	Smith		86-0250-00		86025000	Lake		330	330	MDNR 2008, Survey	PWRW		411283.5	4992175	-94.12715	45.07747	86025000				07010204
1407	1315	Wright	Sugar Lake		86-0233-00		86023300	Lake		1145	1145	MDNR APM, MCBS 2017	PWRW		418525.4	5018733	-94.0395	45.31737	86023300				07010203
2289	934	Wright	Unnamed		86-0258-00		86025800	Lake		18	18	MDNR 2008	II		405774.8	4986019	-94.19596	45.02136	86025800				07010204
2290	935	Wright	Unnamed		86-0244-00		86024400	Lake		78	78	MPCA 2013	II		413852.4	5020195	-94.09936	45.32997	86024400				07010203
1408	1316	Wright	Unnamed Lake		86-0231-00		86023100	Lake		18	18	UoFM/MPCA 2013	PWRW		417925.8	5012172	-94.04606	45.25825	86023100				07010203
2291	936	Wright	West Lake Sylvia		86-0279-00		86027900	Lake		1027	1027	MPCA 2013, MDNR APM, MCBS 2017	PWRW		405218	5010196	-94.20761	45.23887	86027900				07010204

Alphabetical by County Name

PROJECT_ID	File_Num	COUNTYNAME	NAME	ALT_NAME	MPCA_WID	T_SITE	Eqg	DOWNUM	MB_Type	ACRES	HR2008ES	REFERENCE_SOURCE	STATUS	LISUTM_X	WUTM_Y	WIDON_DD	WLAT_DD	WLAT_DD_W	XIDNUM	UBAL_W	INTJ_W	HUC3
2344		Wright	Albion		86-0212-00			86021200	Lake	238		MDNR 2008	II	415562.2	5007692	-94.07542	45.21765	86021200				07010203
2345		Wright	Beaver Dam		86-0296-00			86029600	Lake	253		MDNR 2008	II	401374.6	4992969	-94.25317	45.08331	86029600				07010204
2346		Wright	Butler		86-0198-00			86019800	Lake	131		MDNR 2008	II	417565.5	4981675	-94.04562	44.98373	86019800				07010205
2347		Wright	Butternut		86-0253-00			86025300	Lake	203		MDNR 2008	II	408309	4981515	-94.16298	44.98116	86025300				07010205
2348		Wright	Carrigan		86-0097-00			86009700	Lake	162		MDNR 2008	II	424820.4	4989804	-93.95483	45.05777	86009700				07010204
2342		Wright	Cedar		86-0034-00			86003400	Lake	191		MDNR 2008	II	434858.2	4985490	-93.82653	45.01986	86003400				07010205
2349		Wright	Gilchrist		86-0064-00			86006400	Lake	388		MDNR 2008	II	434998.4	5009163	-93.8281	45.23296	86006400				07010204
2350		Wright	Gonz		86-0019-00			86001900	Lake	152		MDNR 2008	II	448546.6	5004071	-93.68044	45.18809	86001900				07010204
2351		Wright	Henshaw		86-0213-00			86021300	Lake	277		MDNR 2008	II	417616.2	5005920	-94.04897	45.20195	86021300				07010203
2352		Wright	Long		86-0194-00			86019400	Lake	255		MDNR 2008	II	416774.4	4983800	-94.05601	45.00276	86019400				07010204
2353		Wright	Mallard Pass		86-0185-00			86018500	Lake	51		MDNR 2008	II	415471.7	4989952	-94.06087	45.0581	86018500				07010204
2354		Wright	Maple		86-0197-00			86019700	Lake	82		MDNR 2008	II	413352.8	4982139	-94.09913	44.98741	86019700				07010205
2355		Wright	Maple Unit		86-0157-00			86015700	Lake	177		MDNR 2008	II	422575.9	5011976	-93.98677	45.25702	86015700				07010203
2356		Wright	Mary		86-0049-00			86004900	Lake	331		MDNR 2008	II	432587.7	4999759	-93.85753	45.14809	86004900				07010204
2357		Wright	Mink		86-0229-00			86022900	Lake	304		MDNR 2008	II	419828.1	5013792	-94.02208	45.27306	86022900				07010203
2358		Wright	Mud		86-0026-00			86002600	Lake	128		MDNR 2008	II	449282.5	5010549	-93.64628	45.24661	86002600				07010203
2359		Wright	Mud		86-0219-00			86021900	Lake	66		MDNR 2008	II	419742.6	5002351	-94.02132	45.17007	86021900				07010204
2360		Wright	Pelican		86-0031-00			86003100	Lake	2793		MDNR 2008	II	441661.1	5007489	-93.74303	45.21847	86003100				07010204
2361		Wright	Pools		86-0102-00			86010200	Lake	166		MDNR 2008	II	429460.8	4982876	-93.89493	44.99583	86010200				07010204
2362		Wright	School		86-0025-00			86002500	Lake	76		MDNR 2008	II	448413.7	5010227	-93.65731	45.24365	86002500				07010203
2363		Wright	School Section		86-0180-00			86018000	Lake	266		MDNR 2008	II	420066.6	4991908	-94.01553	45.07612	86018000				07010204
2364		Wright	Shakopee		86-0255-00			86025500	Lake	206		MDNR 2008	II	404722	4981824	-94.20853	44.98346	86025500				07010204
2365		Wright	Spring		86-0200-00			86020000	Lake	63		MDNR 2008	II	411761.6	4990944	-94.12086	45.06646	86020000				07010204
2366		Wright	Taylor		86-0204-00			86020400	Lake	78		MDNR 2008	II	416977.1	4994931	-94.05528	45.10297	86020400				07010204
2367		Wright	White		86-0214-00			86021400	Lake	145		MDNR 2008	II	419435.6	5005018	-94.02566	45.19404	86021400				07010204
2368		Wright	Willima		86-0209-00			86020900	Lake	246		MDNR 2008	II	412584	5008651	-94.11351	45.22592	8620900				07010204