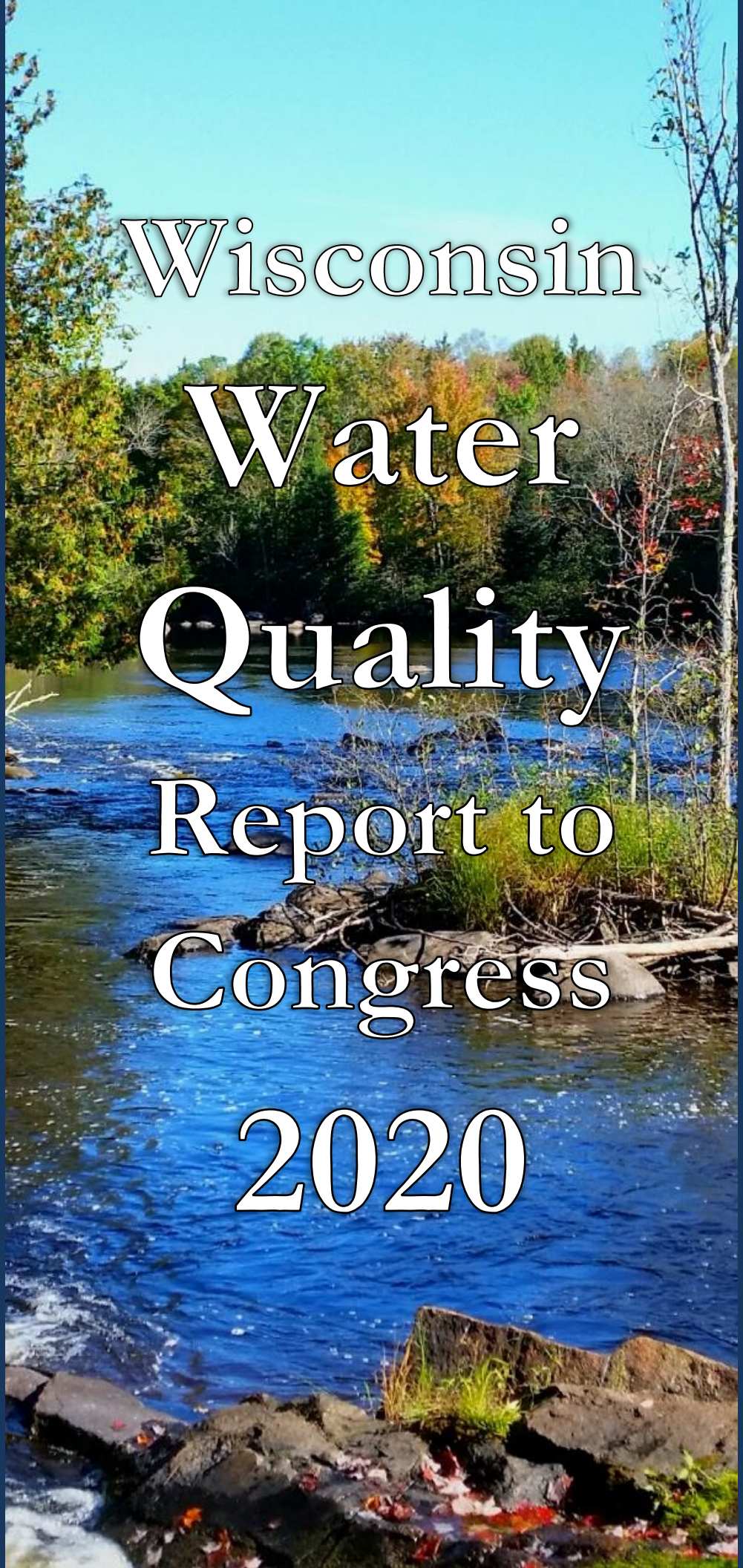

Wisconsin Water Quality Report to Congress 2020

Wisconsin Department of Natural Resources

Water Quality Bureau

Division of Environmental Management

EGAD #:
3200-2020-13

dnr.wi.gov

101 S Webster Street,
PO Box 7921,
Madison, WI
53707-7921

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Wisconsin's Water Quality Report

The Federal Clean Water Act (CWA) requires all states to prepare a Water Quality Report to Congress every two years. This "Integrated Report" combines the CWA sections 305(b), 303(d), and 314. The report contains an overall summary of water quality conditions in the State and an updated Impaired Waters List. Wisconsin data are also provided electronically to the United States Environmental Protection Agency (EPA) as part of the Integrated Reporting Process.

Wisconsin's 2020 Wisconsin Water Quality Report to Congress summarizes assessment progress and activities related to water quality protection during the past two years. This document is an online publication only that can be accessed at the Wisconsin Department of Natural Resources (WDNR) website: dnr.wi.gov

Cover photo: Popple River in Florence County (2015). Taken by Luke Ernster.

Editor:
Ashley Beranek

Authors and contributors of this report include:
Tim Asplund, Jim Amrhein, Brian Austin, Kendra Axness, Ashley Beranek, Dave Bolha, Camille Bruhn, Heidi Bunk, Jeanne Cargill, Jacob Dickmann, Donalea Dinsmore, Mary Gansberg, Melissa Gibson, Kevin Gauthier, Shawn Giblin, Sue Graham, Ilana Haimes, Macaulay Haller, Mark Hazuga, Katie Hein, Craig Helker, Lisa Helmuth, Andy Hudak, Sally Jarosz, Ted Johnson, Kevin Kirsch, Jon Kleist, Jim Klosiewski, Jim Killian, Jim Kreitlow, Jim Lemke, Jodi Lepsch, Mary Anne Lowndes, Madeline Magee, Keith Marquardt, Aaron Marti, Kristi Minahan, Brenda Nordin, Kimberly Oldenborg, Patrick Oldenburg, Emily Punke, Kristen Rathbun, Mark Riedel, Craig Roesler, Rachel Sabre, Mike Shupryt, Paul Skawinski, Alex Smith, Mike Sorge, Pam Toshner, Jean Unmuth, and all Water Quality Biologists, Water Resources Specialists, and Water Program Managers. All photos courtesy of Wisconsin DNR unless otherwise credited.

Previous reports were published in 2018, 2016, 2014 (online only), 2012 (online only), 2010, 2008 (data submittal only), 2006, 2004, 2002, 2000, 1996, 1994, 1992, 1990, 1988, 1987, and earlier. WDNR's earlier documents are available for review at the GEF II building, 101 S. Webster Street, Madison. Later versions are available electronically.

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INTRODUCTION

Wisconsin is a state bountiful with natural resources, including many and varied lakes, streams, wetlands, aquifers, and springs. Every other year, the Wisconsin Department of Natural Resources (WDNR) provides reports on the quality of the State's water resources to the United States Environmental Protection Agency (EPA), which in turn, shares this information with the United States Congress. The information provided may be considered as a tool for rule making, budget appropriations, and program evaluation by federal legislators.

Devil's Island Sea Caves Winter Remnant **by Peggy Carter. Taken at the Apostle Islands National Lakeshore and submitted to DNR as part of the 2019 Wisconsin's Great Waters Photo Contest.**

Report Format Modifications

Wisconsin's Water Quality Report to Congress is a biennial report that has followed a similar, EPA-proposed format for several cycles. The EPA has built a nation-wide water quality assessments database called ATTAINS (Assessment, Total Maximum Daily Load (TMDL) Tracking and Implementation System; https://www.epa.gov/waterdata/attains) that receives electronic records of assessments from states. This database allows for calculations and summaries to be done by the EPA, if required, rather than reported by states. With this being the case, the amount of information provided in this report is reduced and reformatted to specifically highlight changes in the past two calendar years (2018 – 2019). In prior reports in-depth descriptions of water quality programs were given; these programs do not often change so descriptions can be found on the DNR's website (dnr.wi.gov) or in the 2018 Water Quality Report to Congress.

Key Findings

- **83% of evaluated waters are healthy** (Figure *1*).

- With the approval of the Wisconsin River Basin TMDLs (April 2019) and the Upper Fox & Wolf River Basin TMDLs (February 2020), the **number of pollutant listings covered by a TMDL increased by 92%.**

- The **number of waters and listings on the Impaired Waters List decreased by about 13%,** even accounting for changes in list definition.

- A total of **139 new pollutant listings were identified** in the 2020 update. Of the new listings, **19% are covered by a TMDL** restoration plan.

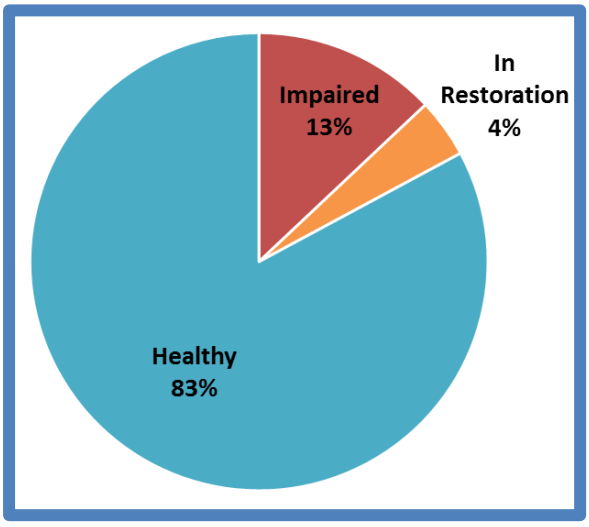


Figure 1. Percentage of evaluated waters on each Water Condition List, calculated by count.

- A total of **114 listings were removed from the impaired and restoration waters lists** in the 2020 updates. The majority of removals were for mercury as a result of updated methods of listing.

- The Water Condition Lists and subcategories better reflect water quality plans in place (*Figure 2*).
  - Listings covered by Total Maximum Daily Load (TMDL) plans or an EPA approved alternative are placed on the newly created Restoration Waters List, also referred to as the "In-Restoration" list.
  - Nine Key Element Plans are recognized as watershed plans and listings addressed are placed in subcategory 5W.

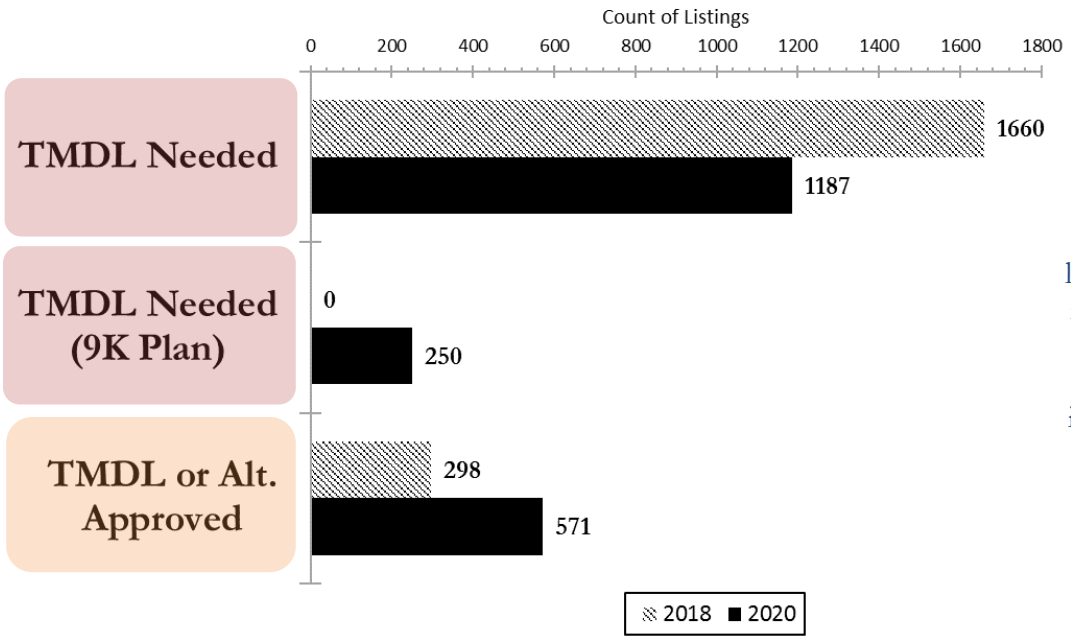


Figure 2. Changes between listing cycles 2018 and 2020 in number of listings with either a TMDL or Nine Key Plan identified. Red highlight indicates the Impaired Waters List and orange indicates the Restoration Waters List.

WISCONSIN'S WATER QUALITY

Total Waters

There are over five and a half million people in Wisconsin that share the state's bountiful water resources. Wisconsin has approximately 1.2 million lake and impoundment acres and approximately 88,000 river and stream miles (Figure 3). Despite the abundance of water resources in Wisconsin, many are threatened by human-induced stressors.

Data Used for Assessments

Waters were assessed using quality-assured data originating from WDNR's monitoring program, county and state partners, university partners, and the public. All data used for assessment met WDNR's quality assurance requirements and local WDNR staff determined whether available data were representative of a water's condition.

WDNR Data

Chemistry data collected by staff, volunteers, and grant recipients, among others, go to the State Lab of Hygiene (SLOH), which sends its data to the SWIMS database through the Laboratory Data Entry System (LDES). Data in the Surface Water Integrated Monitoring System (SWIMS) database are considered readily available and were used in assessments when they met assessment requirements. Data in SWIMS were assessed using automated assessment packages that are programmed to follow assessment protocols outlined in *Wisconsin Consolidated Assessment and Listing Methodology* (WisCALM).

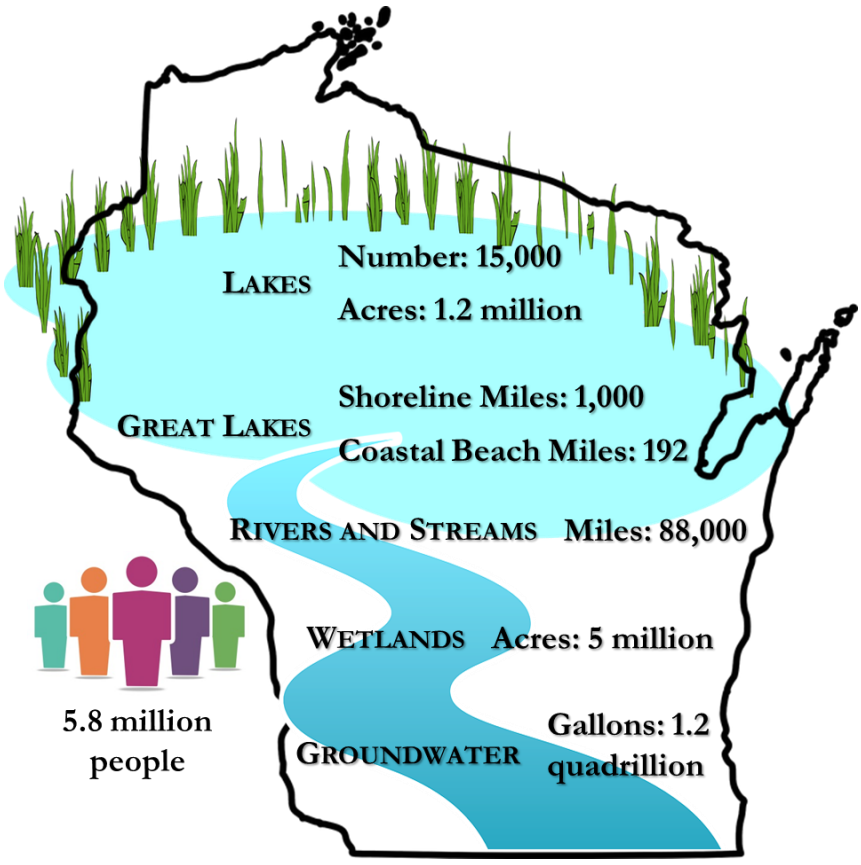


Figure 3. Wisconsin's water resources at a glance with recent population numbers. 2019 population number estimated by the United States Census Bureau.

Public Data

In addition to WDNR's monitoring data described above, public data were gathered and considered for use in assessments through an active data solicitation process. Every two years, the WDNR requests that citizens and interested groups submit their surface water data (biological, chemical, and physical). Data meeting specified requirements were evaluated, along with WDNR-collected data, to assess the quality of the state's water resources. Data were accepted from the public from January 15, 2019 – February 15, 2019, and the WDNR received information/data submittals from four entities:

Courte Oreilles Lakes Association (COLA)

COLA provided chemical and profiling data for Lac Courte Oreilles (WBIC 2390800) and Little Lac Courte Oreilles (WBIC 2390500) from the 2017 monitoring season, and for Musky Bay from the 2015 - 2017 monitoring seasons. Monitoring work was completed by the Lac Courte Oreilles Tribal Conservation Department (LCOCD). Methodology for collection and analysis was performed according to the LCOCD Quality Assurance Protection Plan approved by the USEPA and acknowledged by the WDNR.

Friends of the La Crosse Marsh

Friends of La Crosse Marsh submitted water quality datasets and figures from the past three years of monitoring. Water quality measurements included dissolved oxygen, water temperature, specific conductivity, transparency, and water level. Collection and analytical methods met WDNR data requirements and these data were included in 2020 assessments.

Kewaunee CARES

Kewaunee CARES and associated WAV volunteers submitted a surface water dataset from the 2016 – 2018 monitoring seasons that included total phosphorus, dissolved phosphate, conductivity, ammonia, nitrate, and total Kjeldahl nitrogen. Collection and analytical methods met WDNR data requirements and these data were included in 2020 assessments.

Taylor County Land Conservation Department (LCD)

Staff at Taylor County LCD submitted water quality data from the 2017 - 2018 monitoring seasons that included total phosphorus, dissolved oxygen, conductivity, and temperature. Collection and analytical methods met WDNR data requirements and these data were included in 2020 assessments.

Assessment Methodology

WDNR's water quality assessment goal is to use clearly defined, publicly accessible methods for collection and analysis of data to ensure defensible assessment decisions. To this end, the WDNR built upon its 2018 assessment methodology work by creating a revised *Wisconsin Consolidated Assessment and Listing Methodology* (WisCALM) to conduct assessments in 2020 for determining the attainment of designated uses.

New List Definitions

Restoration Waters List: These are impaired waters listings that have an EPA approved restoration plan like a Total Maximum Daily Load (TMDL) or Adaptive Management Plan (AMP). This list could also be considered an "In-Restoration" list. In past state summaries these waters were counted as part of the Impaired Waters List even though this is not how the list is defined by the Clean Water Act (CWA). To align with the CWA the Restoration Waters List was created to house these specific impairment listings.

Healthy Waters List: These are waters that show no impairment based on the parameters evaluated. Placement on the Healthy Waters List is determined by general and in-depth water quality evaluations. Waters with only a general assessment may have unknown issues with water quality.

A full description of all assessment methodology changes can be found in the 2020 WisCALM public comment period update supplemental document.

2020 Water Condition Lists

These Water Condition Lists serve as a record of water quality across the state and are a starting point for water resource management. Changes in the Water Condition Lists are the result of restoration planning work, advances in monitoring and assessment technology, additional monitoring data, water quality restorations, and error correction. The number of waters and listings on the Impaired Waters List decreased by about 13%, with accounting for prior differences in list definitions. With the approval of the Wisconsin River Basin TMDLs (April 2019) and the Upper Fox & Wolf River Basin TMDLs (February 2020), the number of pollutant listings covered by a TMDL increased by 92%. The Healthy Waters List increased by about 10%.

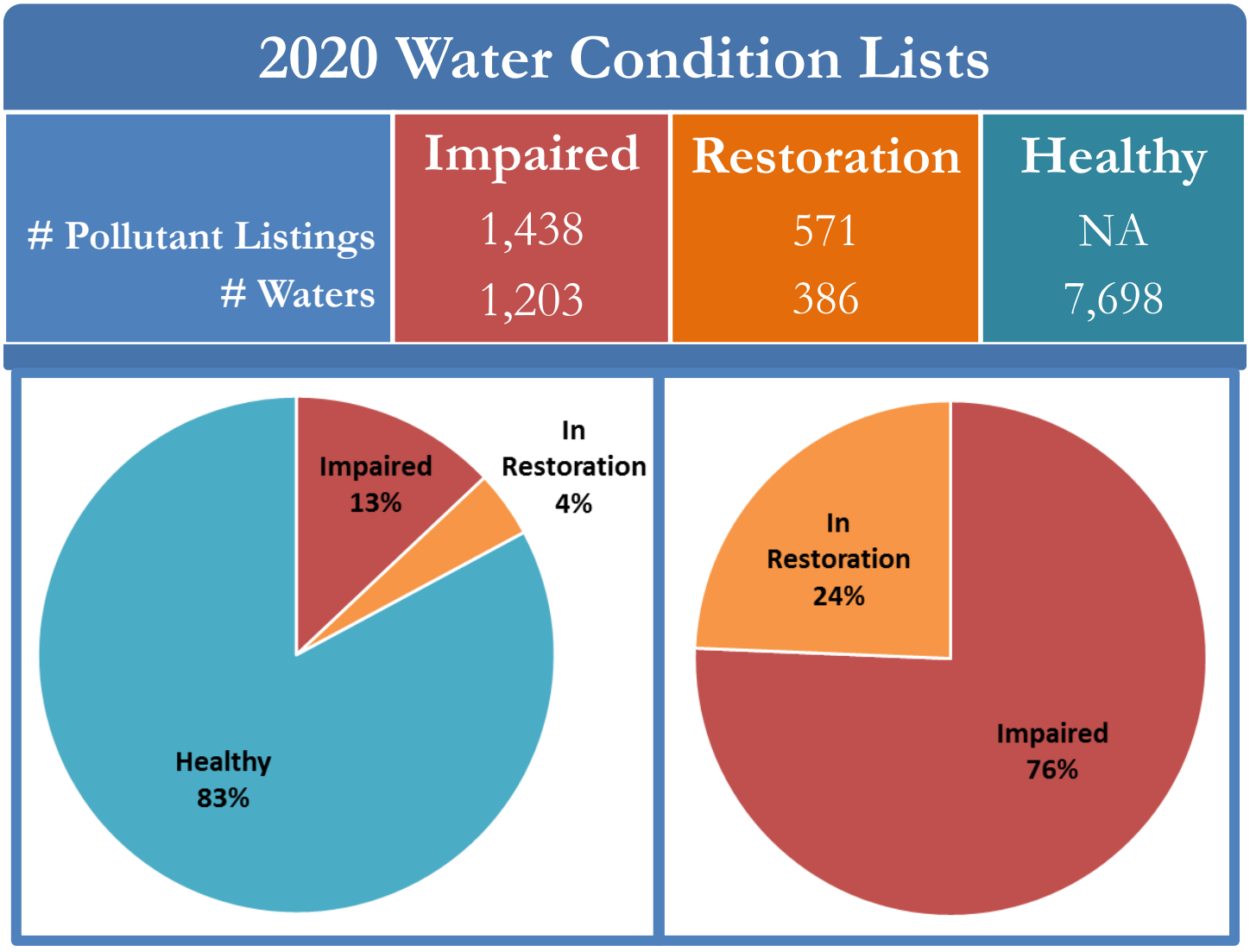


Figure 4. 2020 status of Wisconsin's Water Condition Lists in both the number of listings and number of waters. Pie charts are based on the number of waters and do not include waters not assessed.

Of evaluated waters over 80% show no water quality impairment (*Figure 4*). In 2018 only 10% of listed waters were fully covered by a TMDL, while now it is 24%.

Impaired Waters List

The majority of pollutant listings, nearly 50%, are for phosphorus (Figure 5). This corresponds with the state's focus on nutrient reduction in our waterways (see Wisconsin's Nutrient Reduction Strategy). With the completion of two large TMDL basin projects the number of phosphorus listings on the Impaired Waters List decreased by 14%.

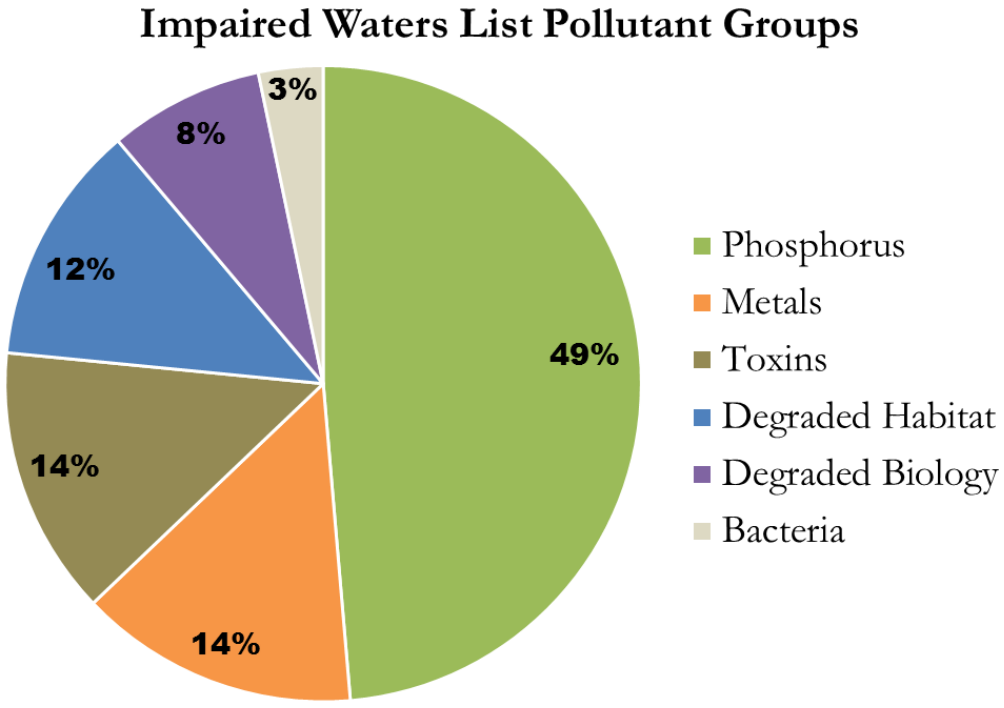


Figure 5. Types of listings on the 2020 Impaired Waters List.

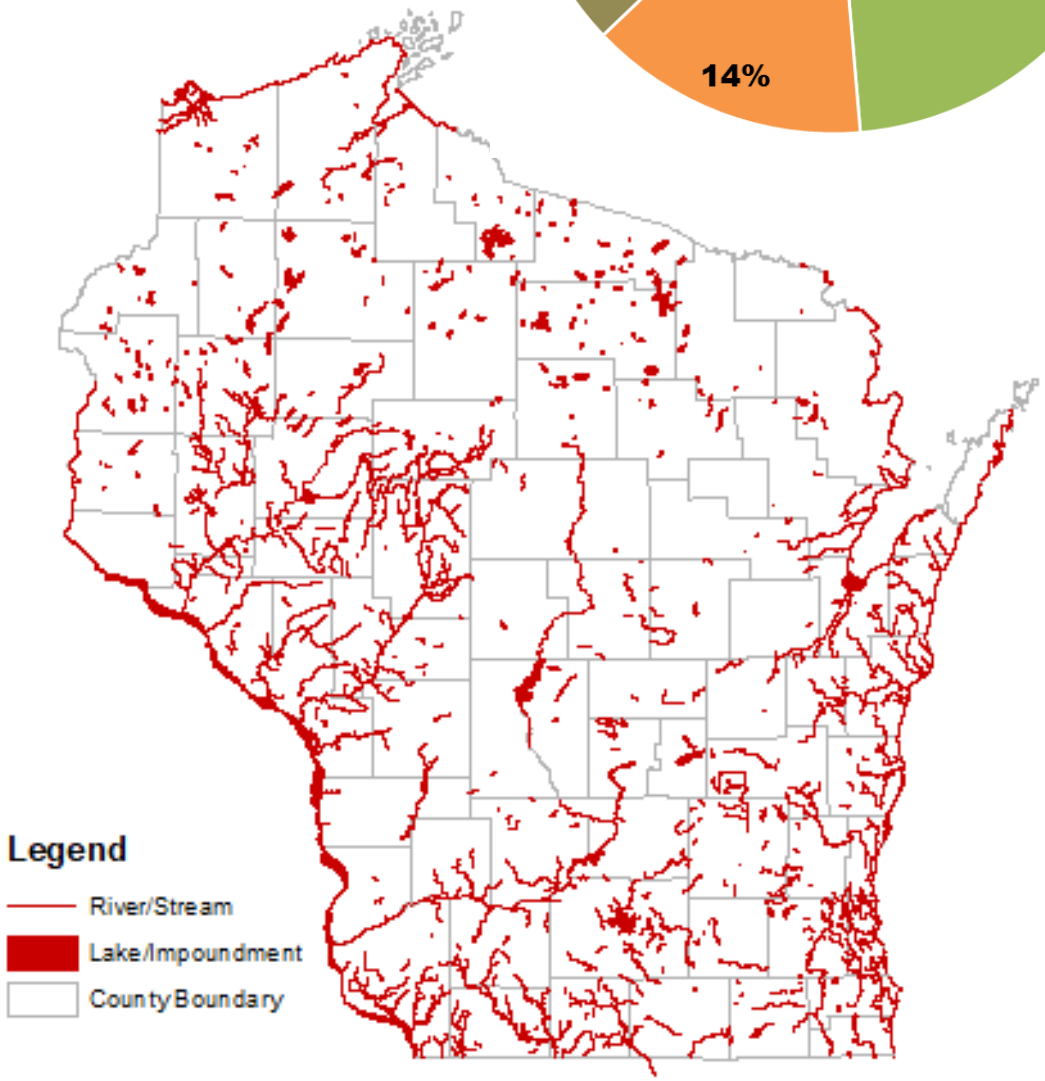


Figure 6. Location of 2020 impaired water listings across the state.

After phosphorus the most numerous listings are for mercury, PCBs, and sediment/Total Suspended Solids (Figure 7). Even with a large number of delistings for mercury and TMDL approvals for sediment and phosphorus the top 4 pollutants in the state remain the same as in 2018.

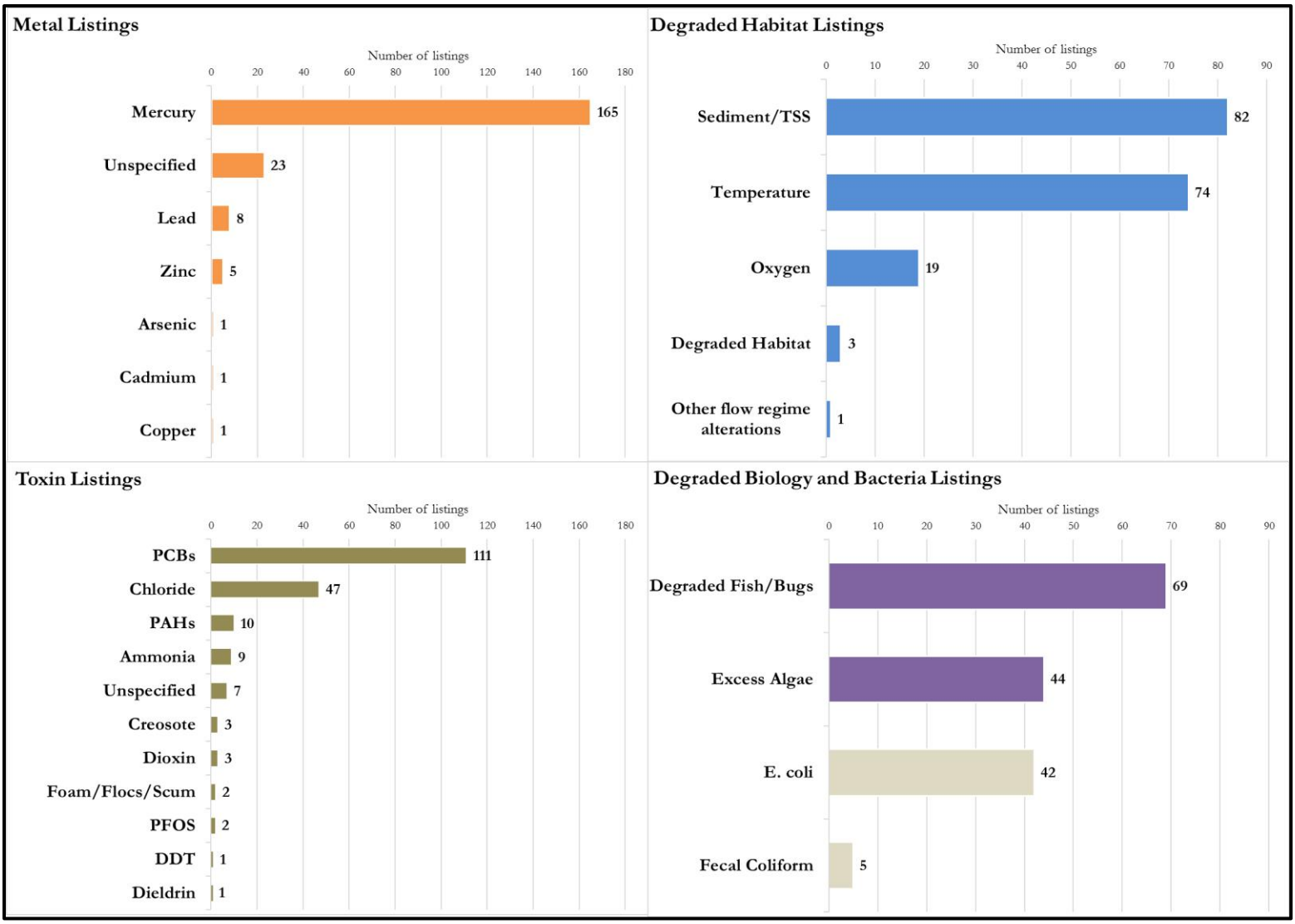


Figure 7. Breakdown of pollutants in each group on the 2020 Impaired Waters List. Degraded Biology listings are those with an Unknown Pollutant.

Full Impaired Waters List can be found in:

APPENDIX A

Restoration Waters List

The majority of the listings covered by TMDLs are for phosphorus (61%) with sediment coming in second highest (32%) (Figure *8*). The Restoration Waters List grew by 92% with the approval of the Wisconsin River Basin TMDLs (April 2019) and the Upper Fox & Wolf River Basin TMDLs (February 2020).

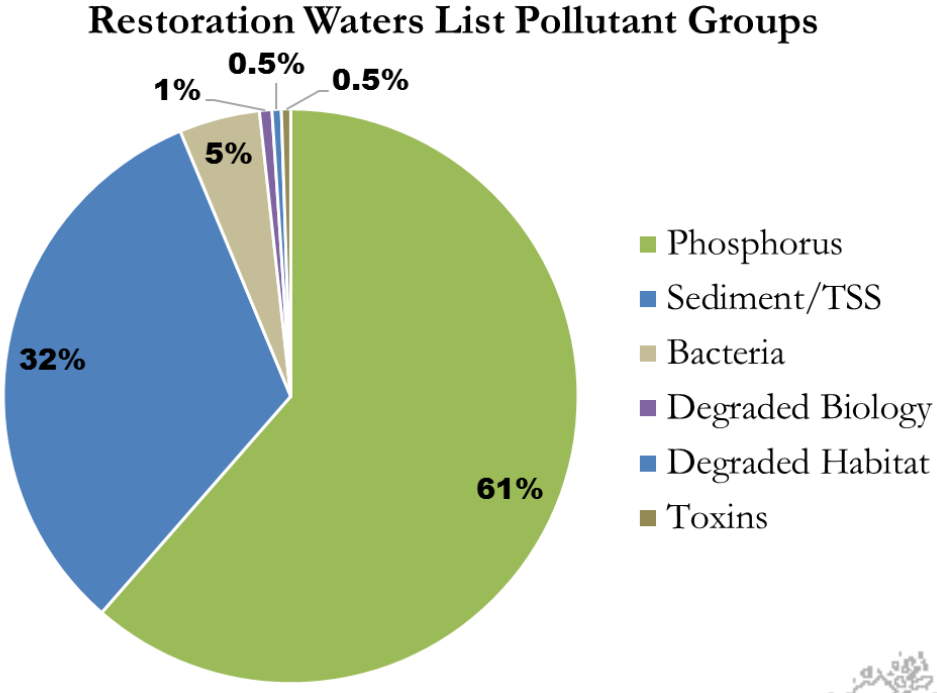
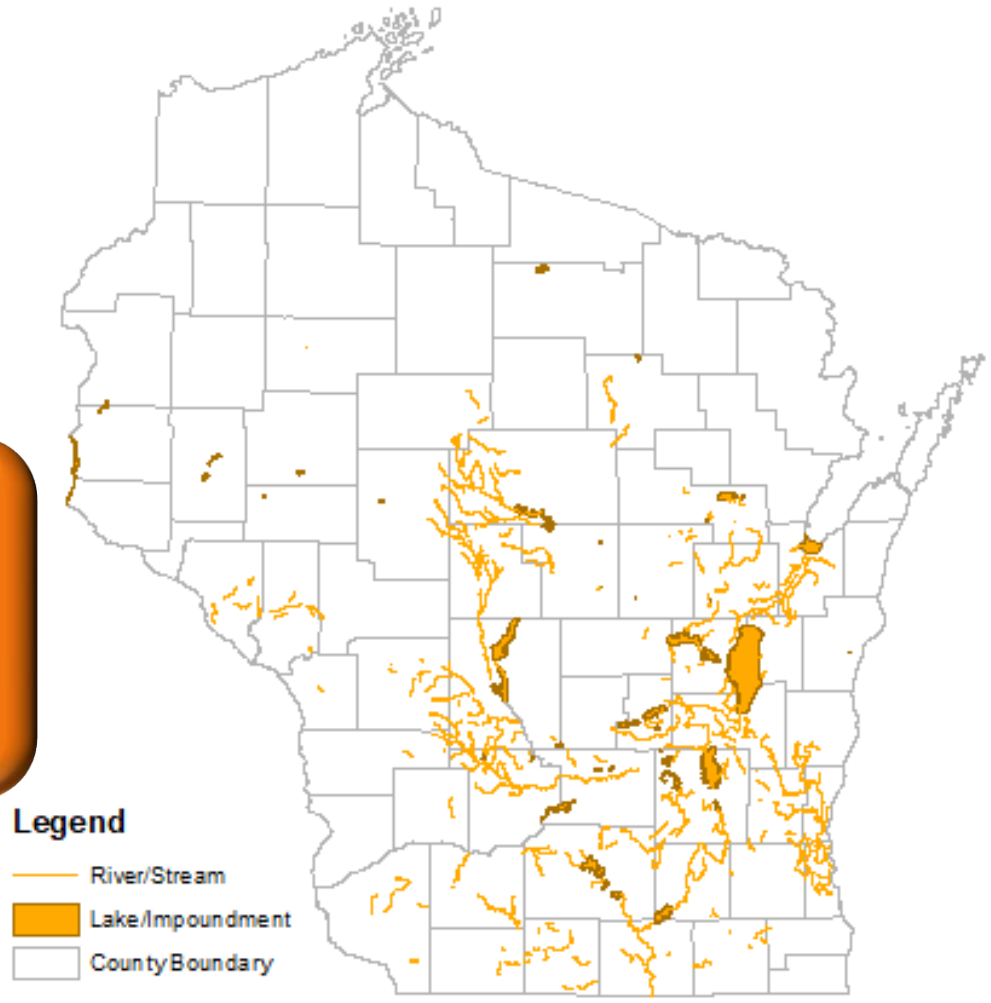


Figure 8. Types of listings on the 2020 Restoration Waters List.

Figure 9. Location of 2020 in-restoration water listings across the state.



Full Restoration Waters List can be found in:

APPENDIX B

Healthy Waters List

The Healthy Waters List increased by about 10% between the 2018 and 2020 assessment cycles. This increase was due to monitoring on new waterbodies and some delistings (see Pollutant Listing Removals section of this report). Placement on the healthy waters list is determined by general and in-depth water quality evaluations. General water quality evaluations include review of satellite photos, single bug or fish samples, and chemistry samples. Waters with only a general assessment may have unknown issues with water quality.

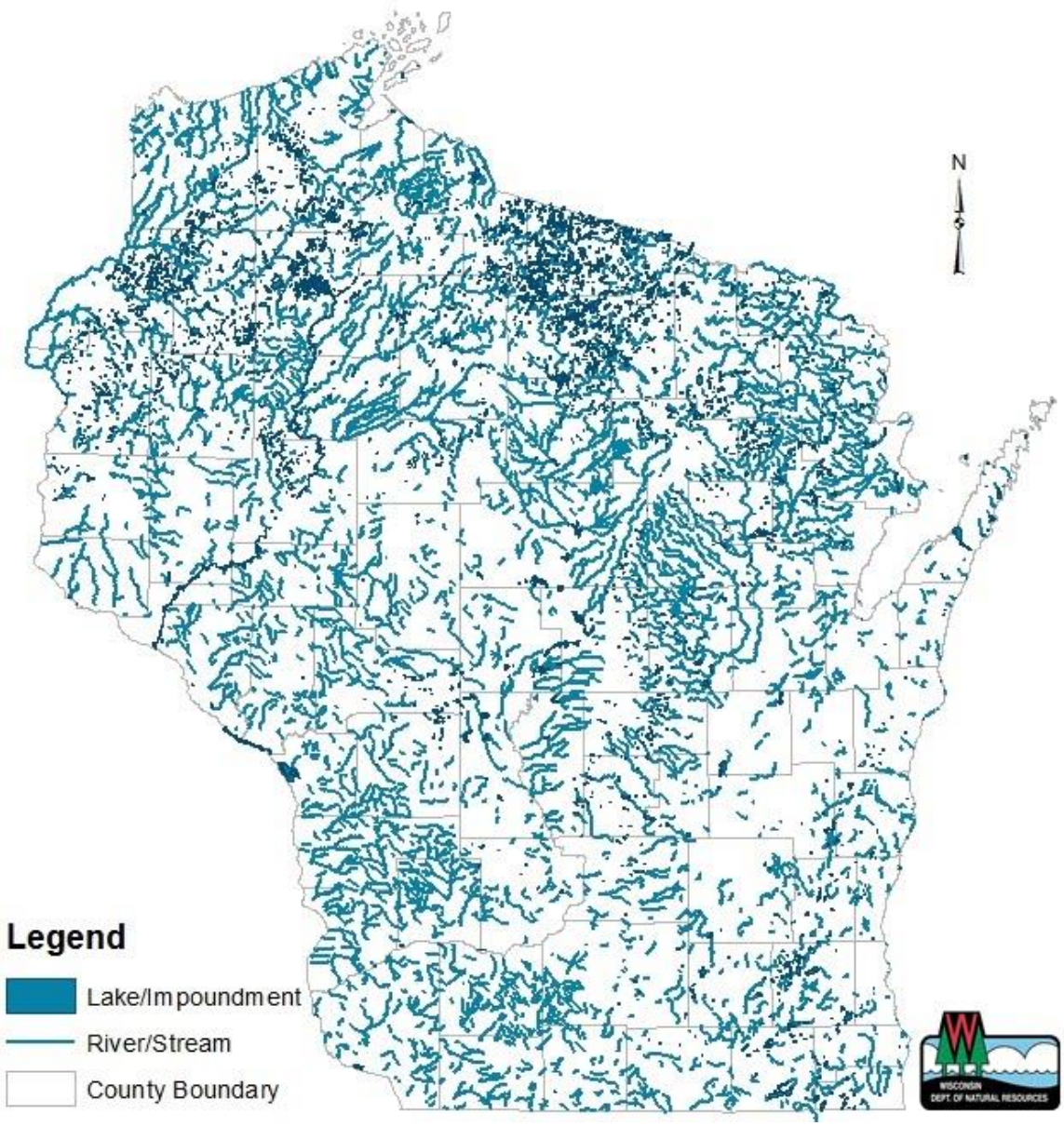


Figure 10. Location of 2020 healthy waters across the state.

Full Healthy Waters List can be found here.

New Pollutant Listings

There are total of 139 new pollutant listings identified in the 2020 update (Table *1*). Of the new listings, 19% are covered by a TMDL restoration plan.

Table 1. Count of new listings and listed waters in the 2020 assessment cycle.

	Impaired	Restoration
# New Pollutant Listings	113	26
# New Waters	93	25

The majority of new listings are for phosphorus, a reflection of the state's focus on nutrient reduction across the state; the first step of remediation is determining where there are water quality issues. A portion of the new phosphorus listings and all of the new sediment listings are covered by a current TMDL (Figure *11*). The majority of the new pollutants require a TMDL.

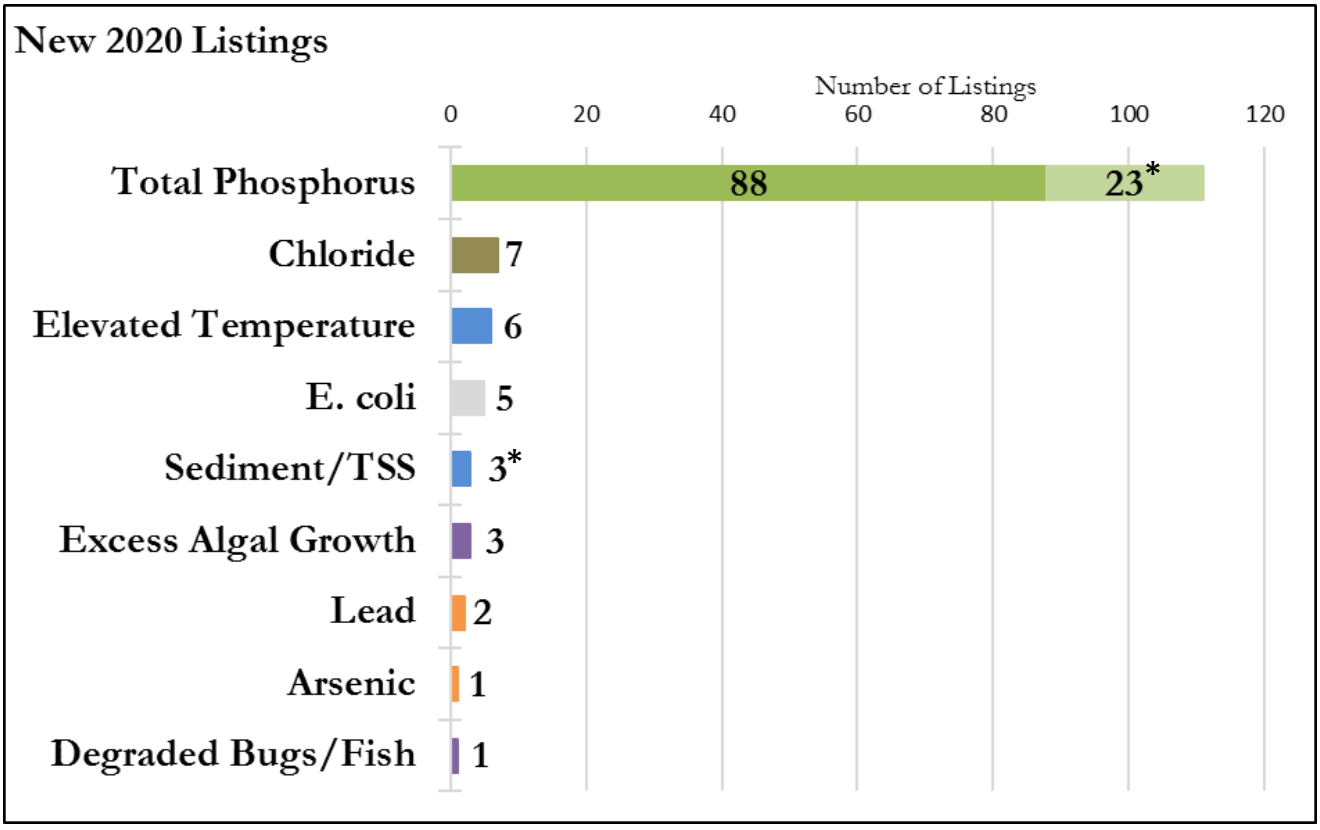


Figure 11. Pollutant breakdown of new listings on both the Impaired and Restoration Waters Lists. An asterisk (*) indicates inclusion on the Restoration Waters List.

New phosphorus listings are located all across the state and a majority of them (79%) require a TMDL (Figure *12*). A subset of the listings requiring a TMDL currently have an active Nine Key Element Plan that addresses phosphorus. Although 58% of new listings currently have no plan, several TMDLs and Nine Key Element Plans are in development.

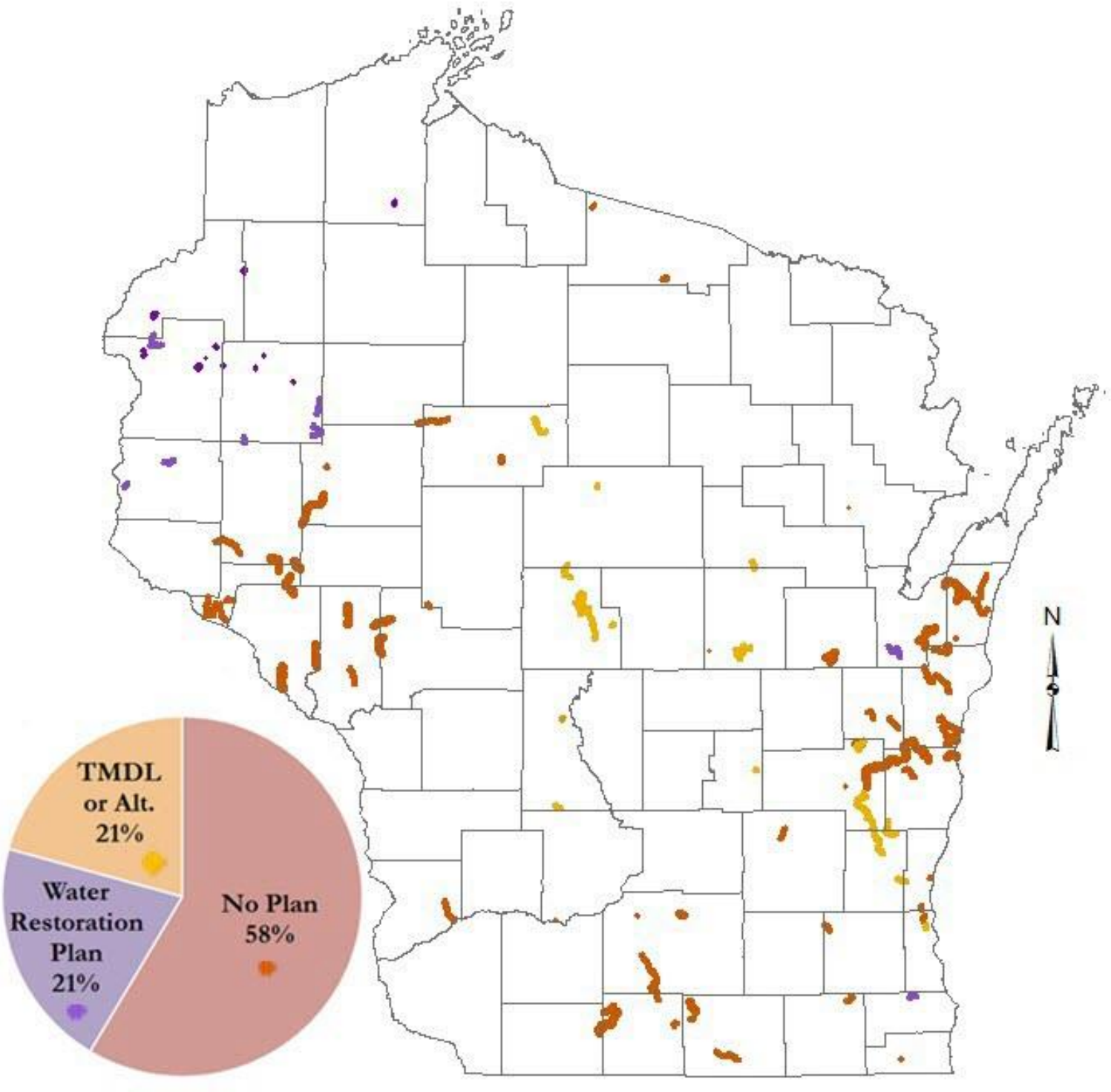


Figure 12. Map of new phosphorus listings across the state and a breakdown of plan availability for those new listings. Watershed Restoration Plan refers to active Nine Key Element Plans.

Protection TMDLs

Starting with the Milwaukee River Basin TMDL, approved in 2018, the TMDL program builds plans that outline pollutant loads for all waters in the watershed, regardless of whether or not it is on the impaired waters list. These plans are considered protection TMDLs because any newly listed water in the watershed will be covered by the TMDL. New listings within the following TMDLs resulted in placement on the Restoration Waters List:

- Milwaukee River Basin – 4 new listings;
- Wisconsin River Basin – 9 new listings;
- Upper Fox and Wolf River Basins – 14 new listings.

Only pollutants addressed by the TMDL are placed on the Restoration Waters List.

Table 2. New listings placed on the Restoration Waters List based on coverage by an existing protection TMDL.

WBIC	AU ID	Waterbody Name	Pollutant	TMDL Basin
22900	10057	Cedarburg Creek	Total Phosphorus	Milwaukee River Basin
28700	10074	Stony Creek		
15000	481605	Milwaukee River		
19450	3988802	Crestwood Creek		
1367800	12227	E. Fk. Hemlock Creek	Total Phosphorus	Wisconsin River Basin
1388000	12268	Moccasin Creek		
1397200	12272	Unnamed Creek		
1420500	12362	South Squaw Creek		
1366300	18327	Hemlock Creek		
1467400	18369	Silvernagle Creek		
1354300	424120	Necedah Lake		
1453200	5513762	Unnamed Trib to W Fk Little Rib River		
1281500	6921935	Unnamed Stream		
136000	10993	Parsons Creek	Sediment/Total Suspended Solids	Upper Fox/Wolf River Basins
5027219	5476549	Unnamed Trib to Hill Creek		
147000	5476612	Unnamed Trib to Silver Creek		
292100	10413	Bear Creek	Total Phosphorus	
146600	11026	White Creek		
5021414	6775847	Unnamed Trib to Waupaca River		
3000102	6853164	Unnamed Trib to N Br Pigeon River		
257800	6918644	Unnamed Stream		
257900	6918660	Unnamed Stream		
5026041	6938642	Unnamed Stream		
5025714	8110723	Unnamed Stream		
3000189	8110754	Unnamed Stream		
5020640	8110960	Unnamed Stream		
5020550	8111202	Unnamed Stream		

Due to timing constraints these listings will appear as Category 5 until the 2022 list is created, however, Wisconsin will not work on new TMDLs for these waters because they are considered part of existing plans (see Appendix E).

For more information on progress in these TMDL areas see the Monitoring and Restoration Work section of this report.

Northeast Lakeshore TMDL Development

Monitoring was done across the Northeast Lakeshore TMDL area to add more water quality data to the analysis. This monitoring resulted in 20 additional phosphorus-listed waters, with 15 of those being newly listed waters (Figure *13*). Currently there is no restoration plan in place for these new listings (part of the 58% in Figure *12*). There are 60 phosphorus and/or sediment impaired waters within the TMDL boundaries. For more information on TMDL progress see the NE Lakeshore TMDL update in this report.

Holly Stegmann, DNR, samples a river in the NE Lakeshore TMDL area, 2018.

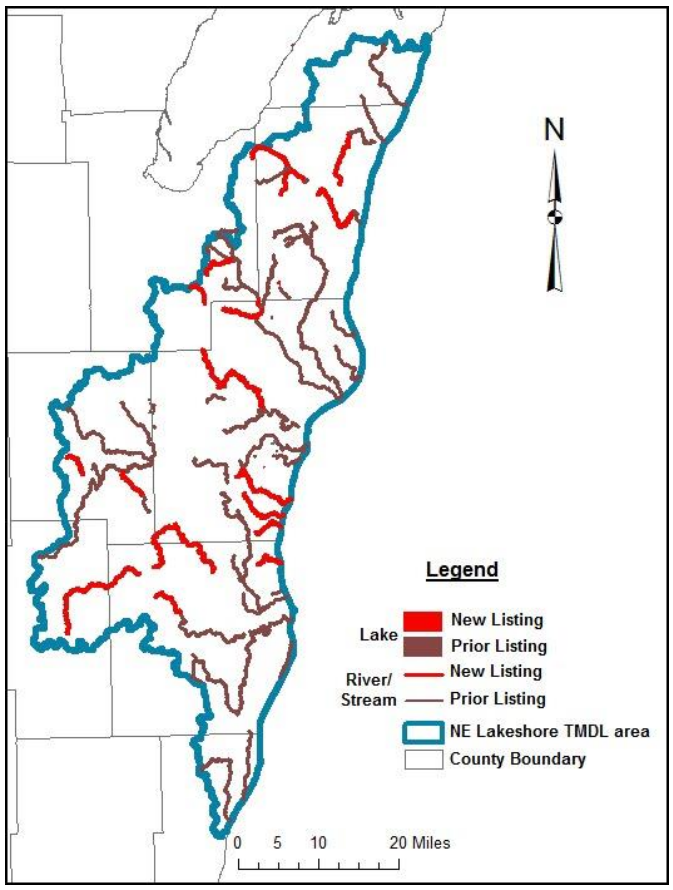


Figure 13. Map of phosphorus listings, new and old, to be covered by the NE Lakeshore TMDL once developed.

Josh Benes, DNR, samples a river in the NE Lakeshore TMDL area, 2018.

Pollutant Identification

Five listings with either "Pollutant Unknown" or "Unspecified Metals" were removed and replaced by specific pollutants based on current monitoring data (Table *3*).

Table 3. Listed waters with a specific pollutant identified during the 2020 assessment process.

County	WBIC	AU ID	Waterbody Name	Impairment	Impairment Listing Year	Identified Pollutant
Kewaunee	90700	10169	Kewaunee River and Marsh	Chronic Aquatic Toxicity	1998	Arsenic
Milwaukee	20000	10008	Beaver Creek	Chronic Aquatic Toxicity	1998	Chloride
Burnett	2649800	16715	Wood Lake	Excess Algal Growth	2014	Total Phosphorus
Buffalo, Pepin	1819300	5514178	Harvey Creek	Degraded Biological Community	2016	Total Phosphorus
Rock	883700	13625	Allen Creek	Degraded Biological Community	2016	Total Phosphorus

Watershed Restoration Plans

The state's Nine Key Element Plans are considered watershed restoration plans, a distinction newly made for the 2020 assessments. Nine Key Element Plans do not reach the level of detail needed to place a water on the Restoration Waters List, however they are noted with a new category (Category 5W) to recognize the work being done on the ground. Of the new phosphorus listings, 21% have an active Nine Key Element Plan (Figure *12*). Of all the phosphorus listings in the state that do not have a TMDL or alternative, 27% are covered by a Nine Key Element Plan.

Nine Key Element Plans occur in TMDL areas (Figure *14*). A listing covered by an approved TMDL and a Nine Key Element Plan is counted under the TMDL.

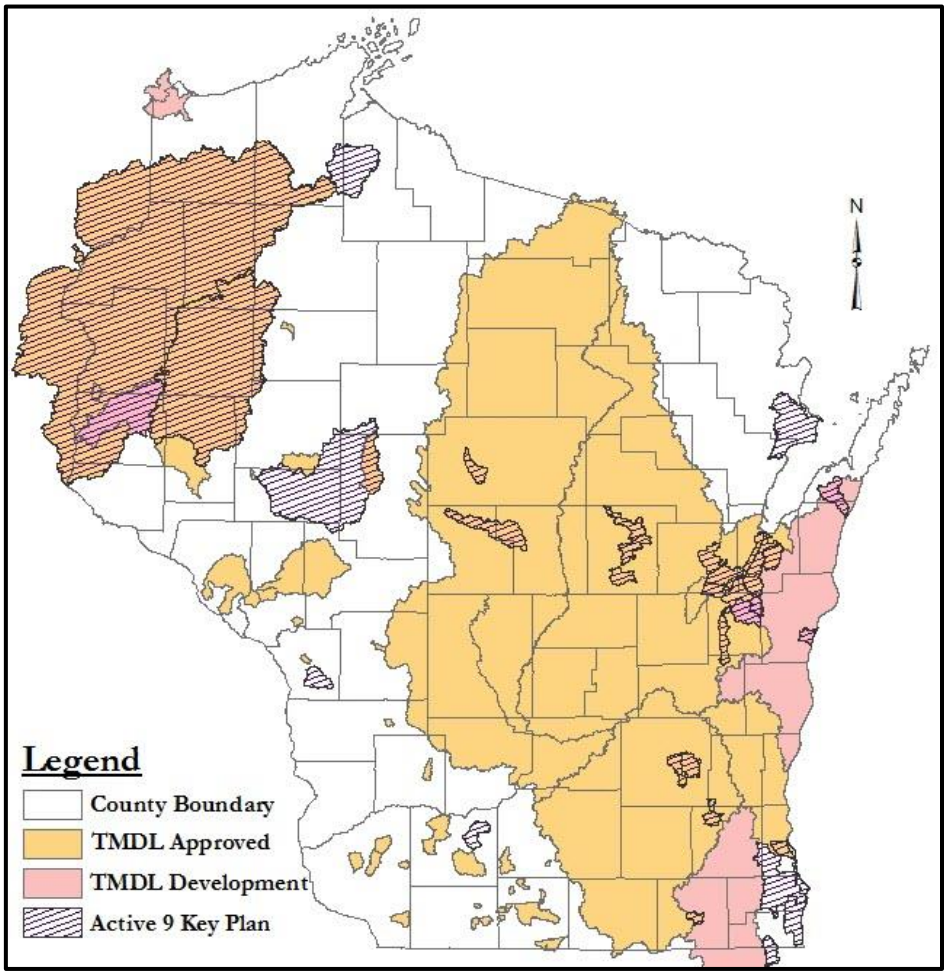


Figure 14. Active Nine Key Element Plans and TMDL areas.

Chloride

The seven new chloride listings are concentrated in and around Milwaukee County (Figure *15*). Chloride is routinely collected as part of the state's Long-Term Trend monitoring and through a Water Action Volunteer road salt study. Increased use of road salt during the winter has correlated with an increase in waters with chloride-related aquatic toxicity. Chloride pollution can also come from sidewalk salt and water softeners.

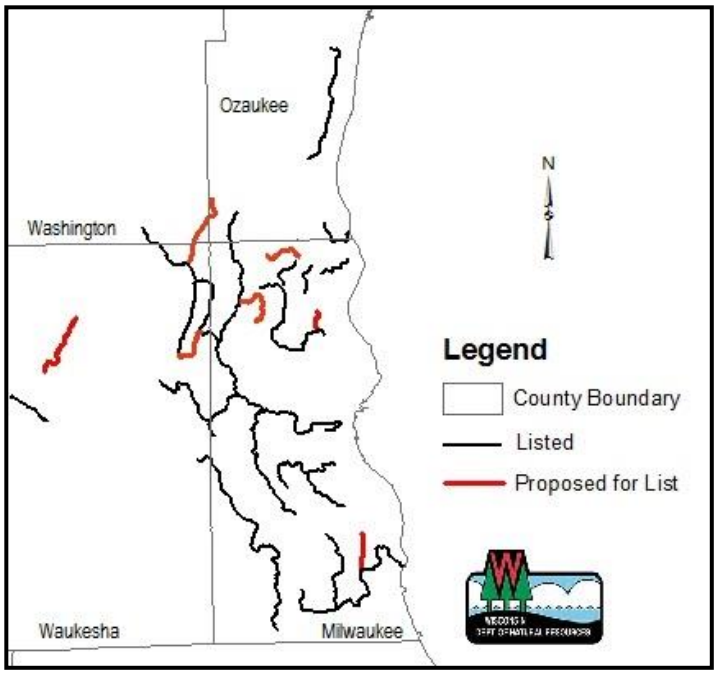


Figure 15. Current and proposed chloride listings.

Excess sidewalk salt.

Faxon Creek Source Study

The Barker Island Inner Beach has been on the impaired waters list multiple times, currently relisted in 2018, for high *E. coli* levels. Faxon Creek flows into the bay near the northwest end of the beach and was part of a study to determine bacteria sources within the watershed (Figure *16*). Faxon Creek was identified as a source of *E. coli* to the beach. Levels of *E. coli* were higher than the upper threshold that protects human health and as a result an additional listing was added to Faxon Creek. The creek was listed in 2014 for degraded biological communities.

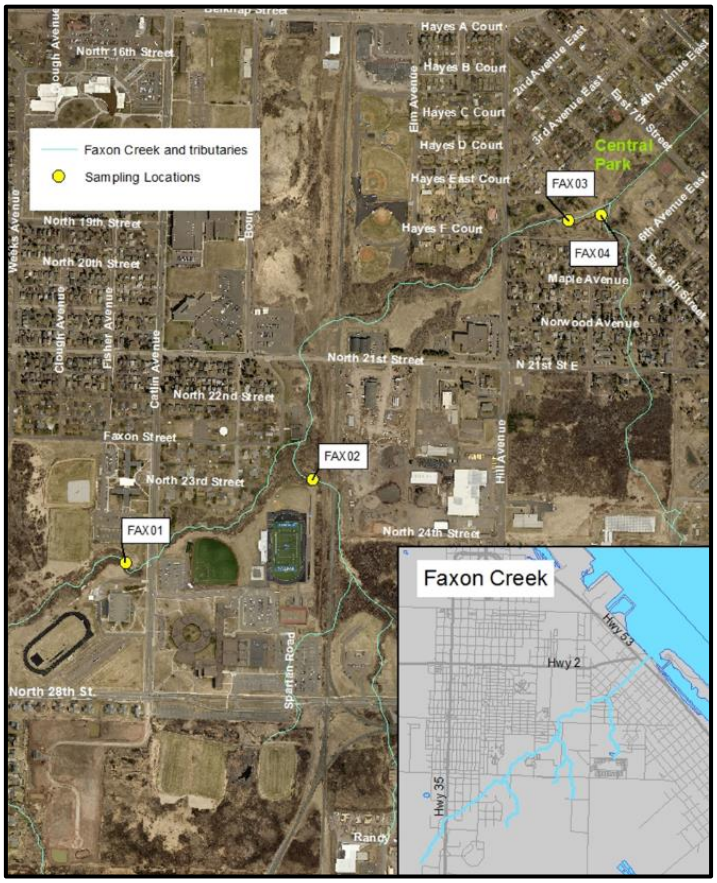


Figure 16. Faxon Creek E. coli sampling sites in the City of Superior, WI.

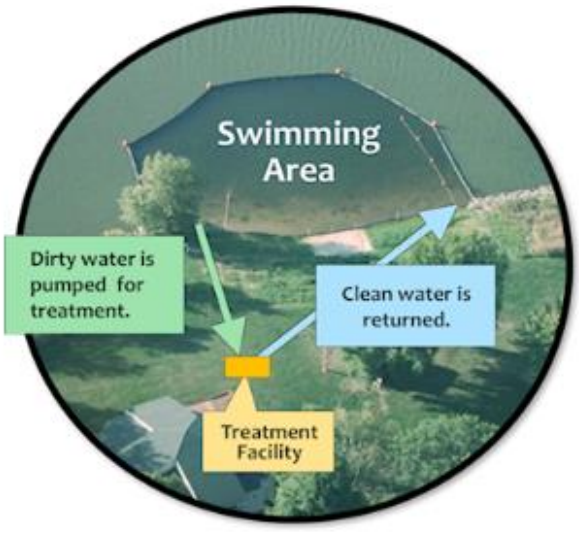
Beaches

Recreation is evaluated at Wisconsin beaches using *E. coli* levels wherever data are available. New data resulted in three Dane County beach listings and one Milwaukee County Great Lake beach listing (Table *4*).

Table 4. New *E. coli* listed beaches in 2020.

County	WBIC	AU ID	Lake	Beach Name
Dane	804600	1487466	Lake Monona	Brittingham Beach
Dane	804600	1490972	Lake Monona	Bernies Beach
Dane	803700	1527156	Lake Waubesa	Goodland Park
Milwaukee	20	481498	Lake Michigan	Mckinley Beach

Dane County has started a Clean Beach Treatment System on Goodland Beach to mitigate algae and E. coli levels. See more on the Dane County Beaches webpage: https://parks-lwrd.countyofdane.com/Parks-Recreation/Swimming-Beaches.



Clean Beach Treatment System

Degraded Biology

There were 28 waters with a degraded biology type impairment including excess algal growth and degraded bug or fish communities. For the majority of these listings the cause was determined to be high phosphorus levels, but for a small portion the cause was undetermined (Figure *17*).

DNR staff conducting a fish survey.

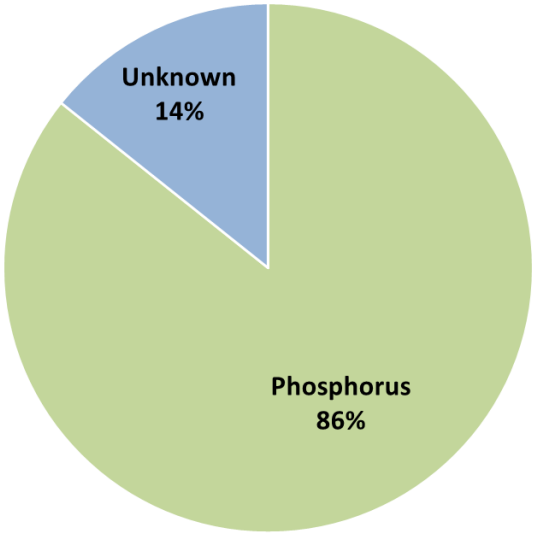


Figure 17. Degraded Biology listings' corresponding pollutants.

Contaminated Sediment Sites

There were two sediment sites in the state that, after water quality and sediment sampling, were added to the Impaired Waters List.

La Crosse River Marsh: The La Crosse River Marsh, home to the former La Crosse Gun Club from 1929 to 1963, was added to the impaired waters list due to high lead (Pb) levels in wetland sediment. Investigations in the 1990s found lead shot density as high as 41,600 pellets/m^2. Further studies by the University of Wisconsin and DNR found just over 21% of sample sites exceeded EPA's soil contamination threshold of 400 mg/kg. The East and West sites (Figure *18*) had the highest levels of lead and well exceeded the probable effect concentration of 130 mg/kg outlined in DNR's Consensus-Based Sediment Quality Guidelines. For more information on this site please refer to the 2014 report: Monitoring and Assessment of Legacy Lead Contamination in the La Crosse River Marsh.

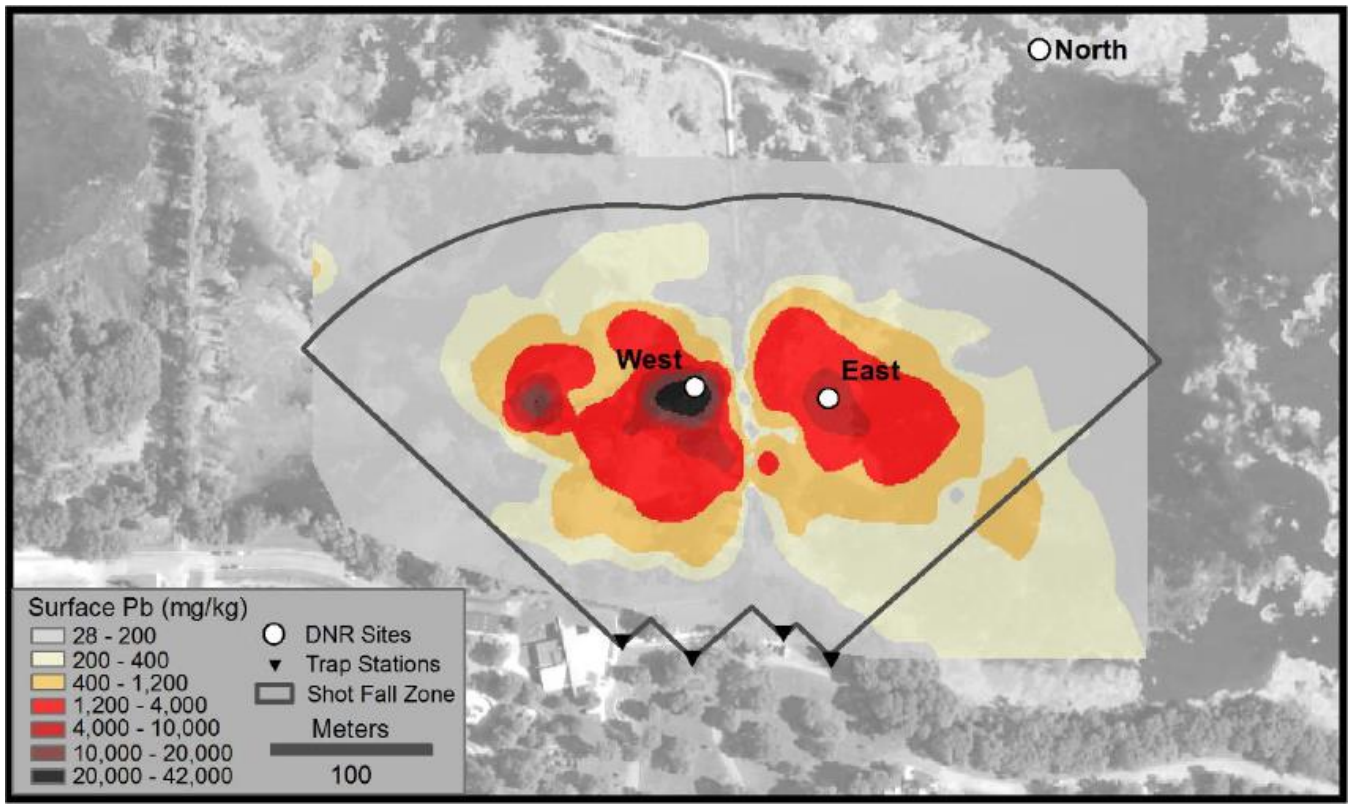


Figure 18. Lead concentrations within the La Crosse River Marsh at the former La Crosse Gun Club. Figure from the 2014 DNR and UW-La Crosse monitoring report.

Kewaunee River and Marsh: The Kewaunee River and Marsh are part of the Kewaunee River Wetland Complex, a state Area of Special Natural Resource Importance (ASNRI). The river and marsh were originally listed in 1998 for Chronic Aquatic Toxicity due to an unspecified metal. Monitoring on the marsh has shown high levels of arsenic in the sediment, determined to be from historical rail car spillage at the site (Figure *19*). This site is currently owned by the DNR and has been undergoing remediation through the Remediation and Redevelopment program. In 2019 site specific remedial action performance standards were evaluated and developed following a process that considers spatial distribution and mass of arsenic within the site.

Figure 19. Site map of the Kewaunee River and Marsh listing and historical arsenic spill site. Map modified from the 2018 Site Investigation Summary and Data Package.

Coldwater Habitat

Coldwater streams are important habitat for trout and sculpin; rises in temperature create habitat not suitable to those fish. There were six stream segments identified as having elevated water temperature, only one of which was not identified as a Class I or Class II trout water (Table 5).

Table 5. Waters listed during the 2020 updates for Elevated Water Temperature.

County	WBIC	AU ID	Waterbody Name	Trout Class	Stream Portion
Monroe, Vernon	1196900	13197	Billings Creek	Class II	Miles 0 – 15.2. Entire stream.
Door	98400	18081	Heins Creek	Class II	Miles 0 – 0.76. Entire stream.
Ozaukee, Washington, Waukesha	18450	10043	Nor-X-Way Channel	NA	Miles 0 – 5. Entire stream.
Sauk	1258400	13471	Otter Creek	Class I	Miles 17 – 18.8. Southern section line of T11N R6E S33 to confluence with WBIC 1259500.
Bayfield	2895200	947339	Pre-Emption Creek	Class II	Miles 0 – 7.2. Entire stream.
Crawford, Vernon	1185500	13137	Tainter Creek	Class I	Miles 2.5 – 15. County Highway B to the headwaters.

Pollutant Listing Removals

There was a total of 115 listings removed from the impaired and restoration waters lists in the 2020 updates (Figure *20*). The majority of removals were for mercury as a result of updated methods of listing.

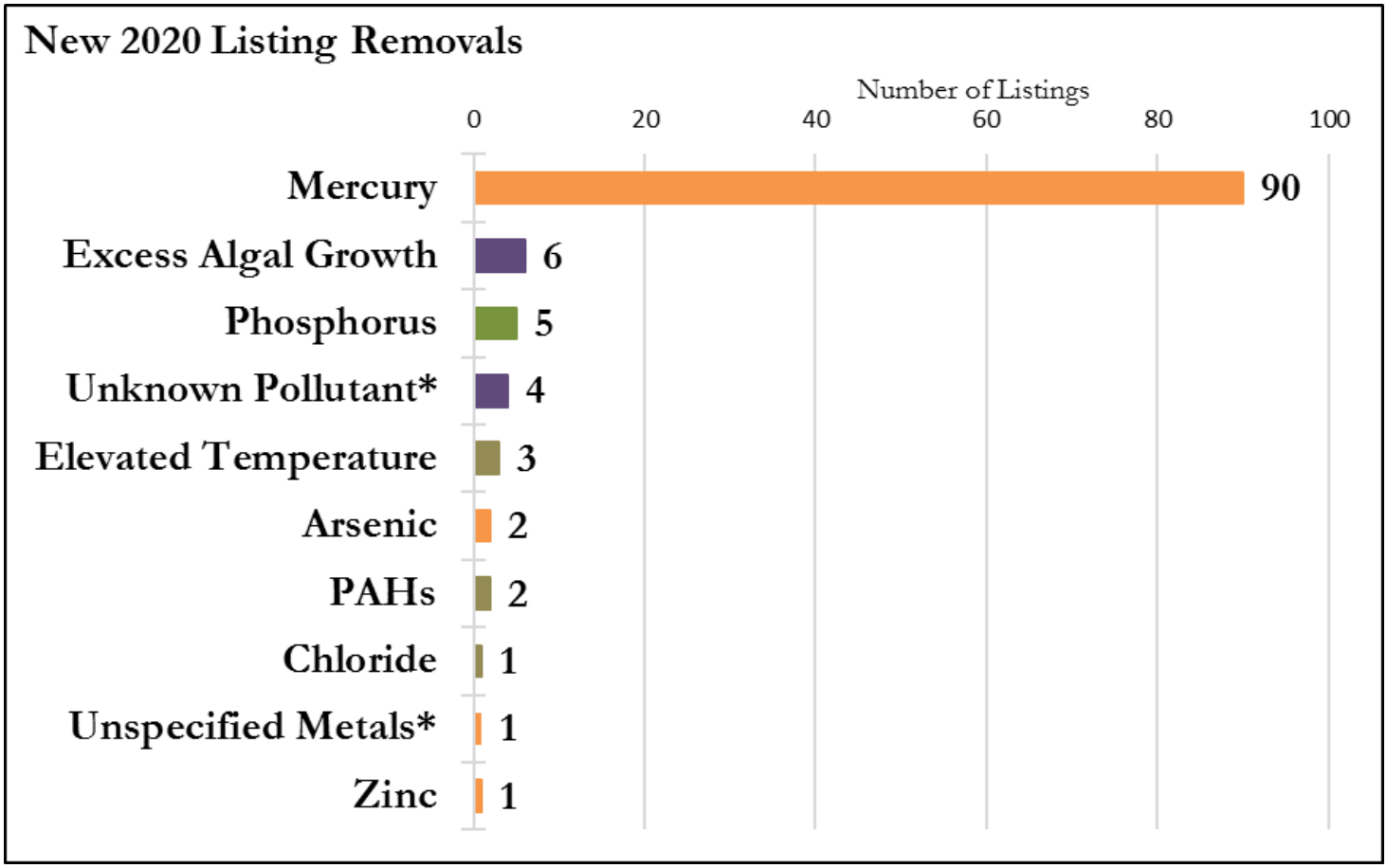


Figure 20. Listings removed from the Impaired and Restoration Waters Lists during the 2020 updates. Pollutants marked with * indicate listing replacement with an identified pollutant.

Sediment Remediation Progress

Menominee River Area of Concern (AOC): Four listings, two each for Arsenic and PAHs, were removed based on the sediment remediation work done in the Menominee River Area of Concern (AOC). Removal of contaminated sediment started in 2012 and was completed in 2014. Post-remediation sampling began in late 2014; results of those samples can be found in the *Sampling Summary Report Great Lakes Legacy Act Lower Menominee River Tyco Site Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin*. Multiple sites in the AOC were addressed including the Ansul/Tyco Site, Menekaunee Harbor, and the Wisconsin Public Service Corporation Marinette – Coal Tar and PAHs Site (*Figure 21*).

Menekaunee Harbor dredging in 2014 (left) and restoration area in bloom (right). Contaminated sediment was removed from this harbor and habitat was restored as part of the Lower Menominee River Area of Concern. Photos by: Cheryl Bougie, DNR.

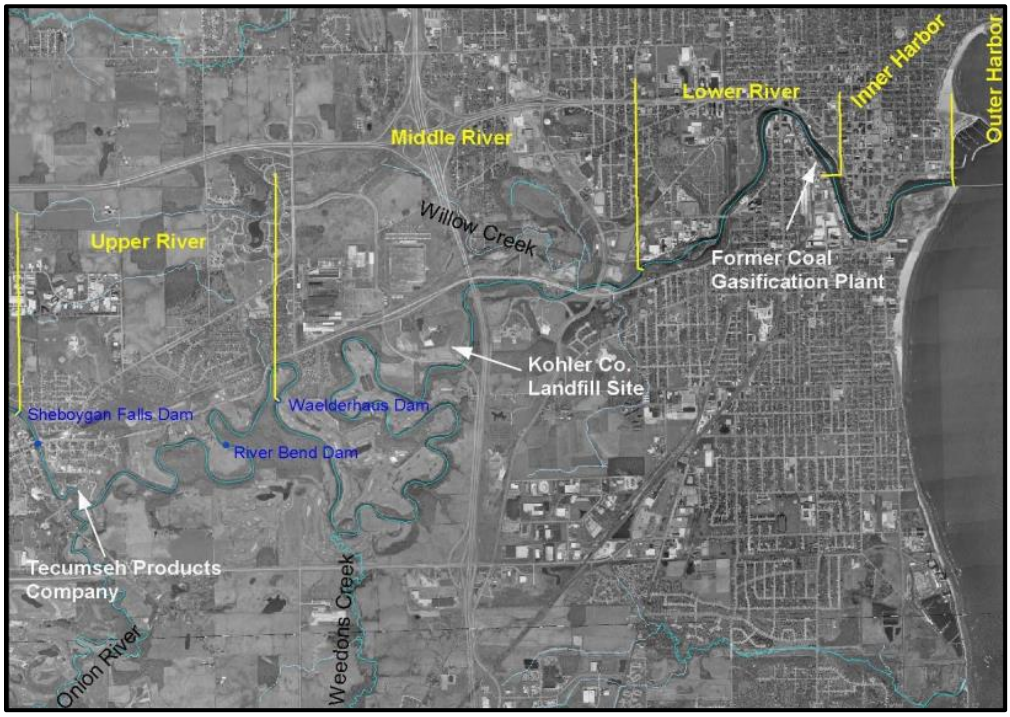
Figure 21. Restoration site along the Menominee River in the Menominee River Area of Concern.

Sediment Cleanup sites:

1) Green Bay Paint Sludge Site, City of Menominee in Michigan.
2) Wisconsin Public Service Corporation (WPSC) Marinette Manufactured Gas Plant Site.
3) Ansul/Tyco Arsenic Site.
4) Menekaunee Harbor

Map from 2015 RAP Update (https://dnr.wi.gov/topic/GreatLakes/documents/Menominee2015RAPUpdate.pdf).

Sheboygan River Area of Concern (AOC): The PCB contaminated sediment impairment was removed from the Sheboygan River between the harbor and the Sheboygan Falls dam (Figure *22*). This segment is still listed for PCBs in fish tissue, but the sediment PCB load was removed through sediment remediation work. The Beneficial Use Impairment (BUI) of the AOC for dredging restrictions was removed in July 2015. Follow up monitoring has shown no aquatic toxicity.



Sediment Cleanup sites:

- Tecumseh Products Company.
- Kohler Co. Landfill Site.
- Camp Marina (a former coal gasification plant).

Map from 2008 Delisting Targets: https://dnr.wi.gov/topic/GreatLakes/documents/SheboyganRiverFinalReport2008.pdf

Figure 22. Map of the Sheboygan River Area of Concern.

Water Quality Improvements

A total of nine listings were removed from the impaired waters list based on improved water quality conditions.

Excess Algal Growth: There were 6 lakes with an excess algal growth impairment (pollutant unknown) that no longer demonstrated high algal levels (Table *6*).

Table 6. Lakes with Excess Algal Growth listings removed based on updated monitoring samples.

County	WBIC	AU ID	Waterbody Name	Impairment listing year
Jefferson	813100	11715	Red Cedar Lake	2012
Bayfield	2767100	890905	Long Lake	2016
Iron, Vilas	2326700	15161	Circle Lily Lake	
Sawyer	2429300	15559	Lower Clam Lake	
Oneida	1569900	128748	Lake Thompson	
Langlade	389300	10607	Rolling Stone Lake	

North Fork Juda Branch (Green County, WBIC 877700, AU 6876678): Phosphorus levels in the upstream portion of North Fork Juda Branch were clearly below phosphorus criteria. The phosphorus levels near the mouth of the stream were clearly above phosphorus criteria, confirming the 1998 listing. This stream was only one assessment unit (AU) prior to the 2020 assessments. The phosphorus listing for the upstream portion, from the headwaters to the unnamed tributary by Hartwig Road, is proposed for removal from the impaired waters list. The upstream portion remains listed for biochemical oxygen demand (BOD) and degraded biological community because there were no new data to reassess these impairments.

Lac Courte Oreilles, Musky Bay (Sawyer County, WBIC 2390800, AU 1850472): A separate assessment unit (AU) was created for Musky Bay on Lac Courte Oreilles during the 2012 assessments because excess plant growth was creating a recreational impairment. Aquatic plant condition showed non-attainment in 2011 and 2012 based on a dense sampling grid (Figure *23*). That same metric showed attainment from 2013 – 2016. For phosphorus evaluation the bay was considered a shallow drainage lake with a criterion of 40 ug/L. New phosphorus data were clearly below this criterion. For these reasons the bay is proposed for delisting.

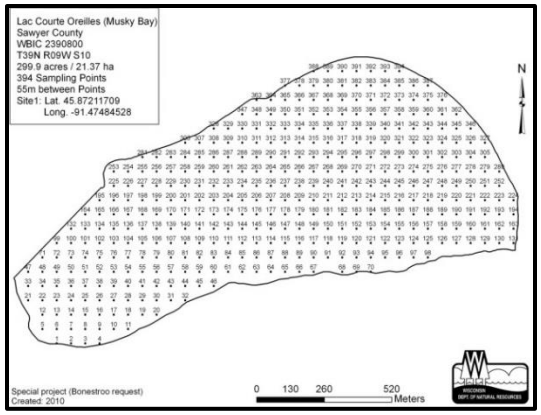


Figure 23. Musky Bay with aquatic plant sampling grid (394 sampling points). Plant data was collected at high spatial resolution in 2007 and all years 2010 – 2016.

Stream C (Rusk County, WBIC 4000013, AU 3924686): Stream C, a tributary to the Flambeau River, has been listed since 2012 for elevated zinc and copper levels from legacy mining activities. The Flambeau Mining Company found elevated levels of copper and zinc in the Industrial Outlot area and took remediation action in accordance with the contingency plans in their mining permit. New 2018 water samples showed zinc levels below aquatic toxicity criteria for the stream. Copper levels were still consistently exceeding criteria and Stream C remains listed for copper.

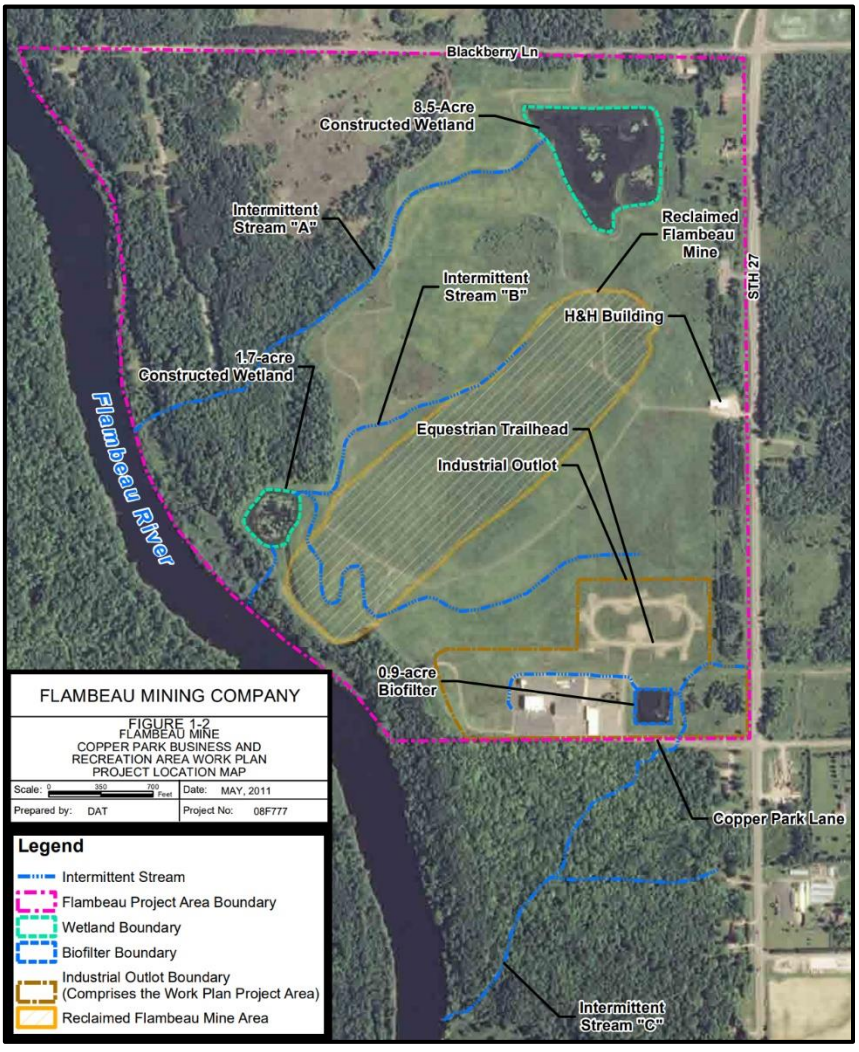


Figure 24. Map of Flambeau Mine reclamation including the location of Stream C and the Industrial Outlot.

List Cleanup

Mercury: Impairment listings indicate that there is a pollutant in a waterbody that needs to be addressed, however sometimes listing methodology changes as programs better integrate to address certain pollutants. The way the impaired waters list addresses mercury from atmospheric deposition shifted in 2001. In 2001 the DNR issued a statewide mercury fish consumption advisory for all waterbodies to better protect developing fetuses and young children. While the general statewide mercury advisory covers the all of waters in the state, specific waters with higher mercury levels receive an additional specific fish consumption advisory that is more restrictive. Waters with a specific fish consumption advisory are placed on the impaired waters list.

Before the general statewide mercury advisory any water with mercury consumption restrictions was placed on the impaired waters list. After 2001 there were over 100 lakes on the impaired waters list that no longer had a specific fish consumption advisory for mercury because people could follow the statewide advisory. These listings caused undue concern on behalf of residents and visitors because it appeared that those 100 or so lakes had poorer water quality than neighboring lakes, even though neither had mercury levels higher than the state advisory level.

History of Wisconsin's fish consumption advisory program: Wisconsin's Fish Contaminant Monitoring and Advisory Program: 1970 – 2010.

As of the 2018 impaired waters list there were 90 remaining waters with no specific mercury fish consumption advisories. Cleanup of these listings resulted in the removal of 71 waters from the impaired waters list and 19 listing removals from otherwise listed waters (Figure *25*).

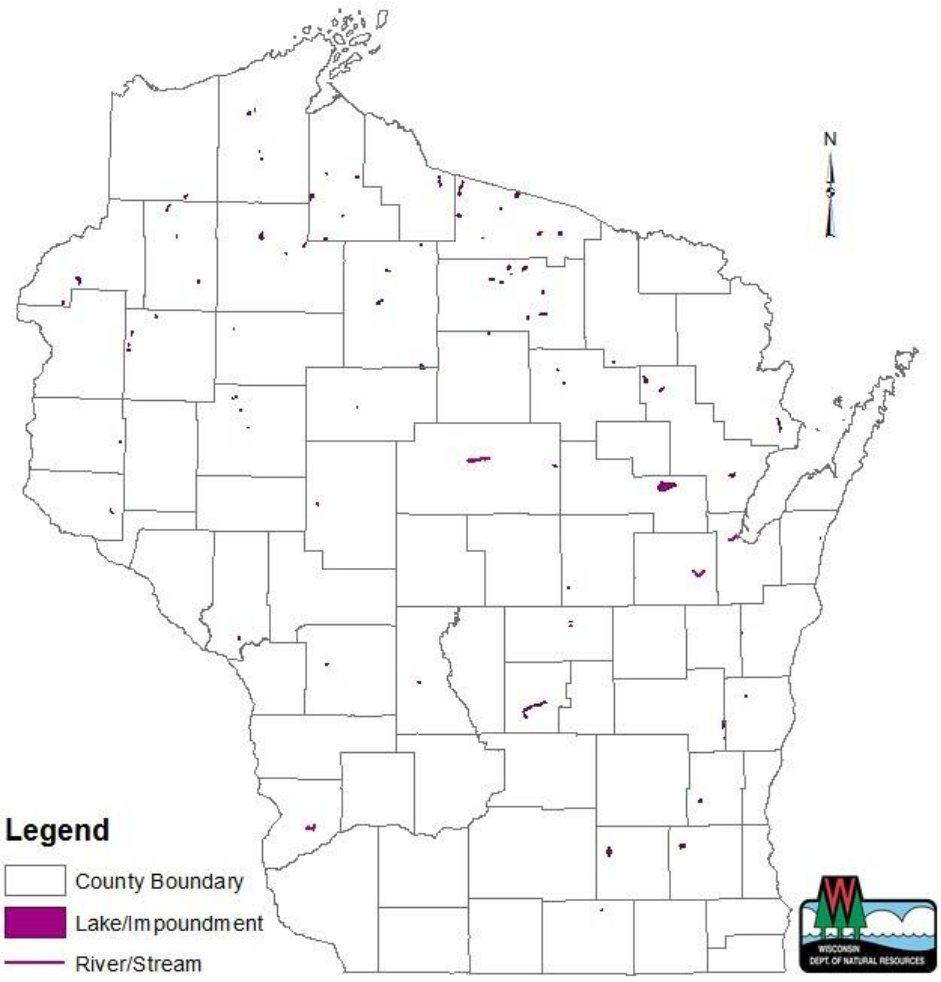


Figure 25. Map of waters with a mercury listing removed for the 2020 list updates.

Incorrect Listings: While DNR attempts to create an accurate list of impairments there are occasionally overlooked factors that result in an erroneous listing. Errors range from technical issues that attributed monitoring data to the wrong water, mapping errors, unrepresentative data, and limits on listing based on Wisconsin Administrative Code. Many of these listing errors are found during the internal review and public comment period on the draft list. When errors are found the listing information is corrected for all waters involved. During the 2020 assessment cycle there were seven listings removed based on errors (Table *7*).

Table 7. Assessment Units (AUs) with listing errors that were corrected during the 2020 assessments.

County	WBIC	AU ID	Waterbody Name	Pollutant/Impairment	List Year	Error and Updates Made
Waukesha	771700	10510	Pewaukee River	Chloride/ Chronic Aquatic Toxicity	2018	Station with high chloride data was on an Unnamed Tributary to the Pewaukee River. The Unnamed Stream (WBIC 771800) was listed instead. This listing was removed.
Manitowoc	66300	9866	Pine Creek	Total Phosphorus/ Impairment Unknown	2012	Based on Wisconsin Administrative Code NR104 this portion of Pine Creek is designated limited aquatic life (LAL). There is no phosphorus criterion for LAL waters. This listing was removed.
Sheboygan	50300	8112899	Black River	Total Phosphorus/ Degraded Biological Community	2014	Based on Wisconsin Administrative Code NR104 this portion of Black River is designated limited aquatic life (LAL). There is no phosphorus criterion for LAL waters. The original listing covered the entire length of Black River. To correct this issue the AU was split, and the LAL portion was delisted.
Marinette	533700	11916	Thunder Lake Inlet	Unknown Pollutant/ Elevated Water Temperature	2016	This assessment unit was duplicated. AU ID 1517423 was listed for Elevated Water Temperature in 2018 and is the correct AU. This listing was removed, and the AU is slated for retirement after the 2020 cycle.

County	WBIC	AU ID	Waterbody Name	Pollutant/Impairment	List Year	Error and Updates Made
Dane, Jefferson	808800	304937	Upper Koshkonong Creek	Unknown Pollutant/ Elevated Water Temperature	2016	Data from 2014 – 2017 show no temperature impairment on this stream. Data used to list were from extreme weather years (2012 and 2013). This listing was removed.
Waushara	248800	10784	Carpenter Creek	Unknown Pollutant/ Elevated Water Temperature	2016	Temperature exceedances were in a month that did not meet minimum data requirements. This listing was removed.
Dane	806300	5535982	Unnamed Trib to Yahara River	Total Phosphorus/ Impairment Unknown	2016	Scheduled updates to the state's map layers made this AU duplicative. The other AU for this water is listed for phosphorus and spatially overlaps this AU. This listing was removed, and the AU is slated for retirement after the 2020 cycle.

Public Participation

The Clean Water Act depends on public involvement and Wisconsin lakes and rivers are public resources, owned in common by all Wisconsin citizens. Throughout the process of assessing and addressing water quality there are many opportunities for public comment, including input on proposed water quality standards, updates to the impaired waters listings, and TMDL creation. In Wisconsin citizen-based monitoring data, if minimum data requirements are met, are used in water quality assessments and there are several opportunities for citizens to volunteer.

Monitoring

Citizens provide a vital resource for gathering water quality data all across the state of Wisconsin. There are multiple programs available for training and monitoring through the DNR, University of Wisconsin, and environmental groups.

Water Action Volunteers

Participants in the Water Action Volunteers Volunteer Stream Monitoring Program range far and wide across the state of Wisconsin. In the 22-year history of the program, volunteers have collected data in 69 of Wisconsin's 72 counties. On a regular basis, volunteers journey to their monitoring sites once per month from April or May through October to collect four baseline parameters: dissolved oxygen, instantaneous temperature, transparency and streamflow. During at least two of these months (May/June and September/October), volunteers collect macroinvertebrates to calculate a biotic index score, although many volunteers choose to measure this during every visit. Once per season, volunteers also collect data for a habitat assessment. In 2018, volunteers collected Baseline data at 465 unique monitoring sites, with nearly 3000 stream visits. In 2019, these data were collected at 453 unique sites.

In addition to Baseline Monitoring, volunteers engage in monitoring for Special Projects. These projects include monitoring with meters, aquatic invasive species monitoring, and nutrient monitoring. Special Projects monitoring is monitoring designed to either use the same methods as DNR professionals for data collection, or to fill specific data needs. In many cases, this monitoring serves both of those purposes.

Stream monitoring.

In the Water Action Volunteers program, Nutrient Monitoring is the most widespread of the Special Projects. Volunteers who engage in this level of stream monitoring sample for total phosphorus concentrations in rivers and streams. Additionally, where further data is required, volunteers also collect suspended solids samples and/or nitrogen panels, including, but not

limited to Nitrite-Nitrate, Kjeldahl Nitrogen, Total Nitrogen, and Ammonia. These samples contribute to Follow Up Monitoring, Local Needs Projects, 9-Key Element Projects, TMDL area monitoring, and Targeted Watershed Approach Projects. In 2018, volunteers conducted nutrient monitoring at 115 sites, contributing to nearly 20 projects across 31 counties. Included amongst these projects was a collaboration with the Wisconsin Mussel Monitoring Program. The goal of this monitoring was to provide data useful to the management and protection of declining freshwater mussel populations in the Little Wolf River to prevent their extirpation. Total phosphorous and total suspended solids data were collected to contribute to water quality associations to freshwater mussel presence and advance the state of knowledge for conservation. Results are being used to enhance the State Wildlife Action Plan to derive actions that respond to multiple threats and identify threats that are not being addressed. In 2019, volunteers sampled nutrient levels at 109 sites in 22 counties, contributing to 12 unique projects. This monitoring included not only projects by the Department of Natural Resources, but also by local businesses, and counties extending from Trempealeau to Waukesha and beyond.

Native mussel filtering water. Photo by Jim Klosiewski, WDNR.

In October 2017, the Water Action Volunteers program piloted a new Special Projects monitoring protocol aimed at assessing and characterizing the spread of aquatic invasive species (AIS). The methods were designed as a response to additional New Zealand mudsnail finds in Dane County. Water Action Volunteers and the Upper Sugar River Watershed Association partnered to initiate a test run of the methods in Mt. Vernon Creek in southwest Dane County. Volunteers piloting these methods successfully completed the testing, and found two of the invasive snails in the process. In 2019, the methods were expanded to concern additional AIS, including Asiatic clams. This version of the method was tested in partnership with Waukesha County. The monitoring team successfully completed the testing and was able to characterize the preferred habitat of the invasive clam in the Illinois Fox River.

Determining water clarity. Photo by Sarah Grainger.

With respect to the Special Project involving volunteer use of meters, volunteers have been trained in the use of pH and dissolved oxygen meters since 2006, as well in the use of continuous temperature monitoring devices, thermistors. Whereas the use of pH meters is slowly being phased out of the program, the use of thermistors has steadily grown. In the history of the Water Action Volunteers program, temperature loggers have been deployed season-long by volunteers at 283 unique locations in 36 counties, for a total of 1,172 fieldwork events. The temperature data is also used by local monitoring groups, such as Central Wisconsin Trout Unlimited. Volunteers within this organization monitor continuous temperature at five sites on the West Branch of the White River in Waushara County for a Trout Unlimited Central Area Restoration Effort for Sustainability (TU CARES) project.

Citizen Lake Monitoring Network

Wisconsin's Citizen Lake Monitoring Network (CLMN) provides a bond between the Wisconsin Department of Natural Resources, University of Wisconsin Extension Lakes Program, and about 1,000 volunteer citizens. DNR and Extension staff provide training, support, and equipment, and cover the cost of laboratory analysis of water samples. CLMN volunteers enter their own data into a statewide database, which automatically generates public-facing, annual summary reports for each lake on a daily basis.

Starting with just over 100 volunteers in 1986, CLMN participants collected water clarity data on about as many lakes. Participation has trended upward since then, and many additional parameters have been available to volunteers. Volunteer responsibilities range from simple water clarity readings taken approximately bi-weekly, to some volunteers monitoring clarity, total phosphorus, chlorophyll-A, water temperature profiles, dissolved oxygen, aquatic invasive species, and more.

In 2019, 999* CLMN volunteers had entered their data into the database as of January 7th, 2020 (Table *8*). The Network requests data to be entered by November 1st, but data tend to come in through early spring of the following year for various reasons. Data was entered for 1,093 distinct monitoring sites in 2019, with water clarity data being the most common, but over 600 volunteers also collected data on total phosphorus, chlorophyll-*a*, and temperature profiles. We are very lucky in Wisconsin to have such a devoted network of volunteers partnering with us to monitor conditions on our lakes, and to provide a wealth of assessment data.

Secchi disk measurement being taken.

CLMN chemistry volunteers (who collect phosphorus, chlorophyll-*a*, temperature, and clarity data) follow strict protocols to ensure consistency and high-quality data. About 10% of them are selected annually for extra Quality Assurance sampling. Through this robust QA/QC program, we are able to proudly demonstrate the impressive quality and reliability of our volunteers' work.

Many Citizen Lake Monitoring Network volunteers also participate in early detection monitoring for aquatic invasive species, ice cover duration monitoring, and special projects like a continuous temperature monitoring study. For example, in 2015, volunteers on 31 Wisconsin lakes each mounted a continuous-read thermometer to a leg of their pier, one foot down from the lake surface. Volunteers installed these as soon as they could after ice-out, and left them in the water for as long as possible before the lake froze again (the longest was 297 days). These data were used in a lake temperature study by the Wisconsin Department of Natural Resources and United States Geological Survey, and these data are informing current work on cool-water fisheries and walleye management.

Table 8. 2019 Citizen Lake Monitoring Network participation summary numbers.

2019 Citizen Lake Monitoring Network Participation							
	Volunteers	Lakes	Sites	Clarity Volunteers	Chemistry Volunteers	AIS volunteers	Ice Volunteers
2019 Totals*	999	764	1093	840	606	77	161
***2019 reported data still incomplete as of publication**							

Aquatic Invasive Species

Clean Boats, Clean Waters: Volunteers and staff were able to inspect over 140 thousand boats for invasive species in both 2018 and 2019 (Figure *26*).

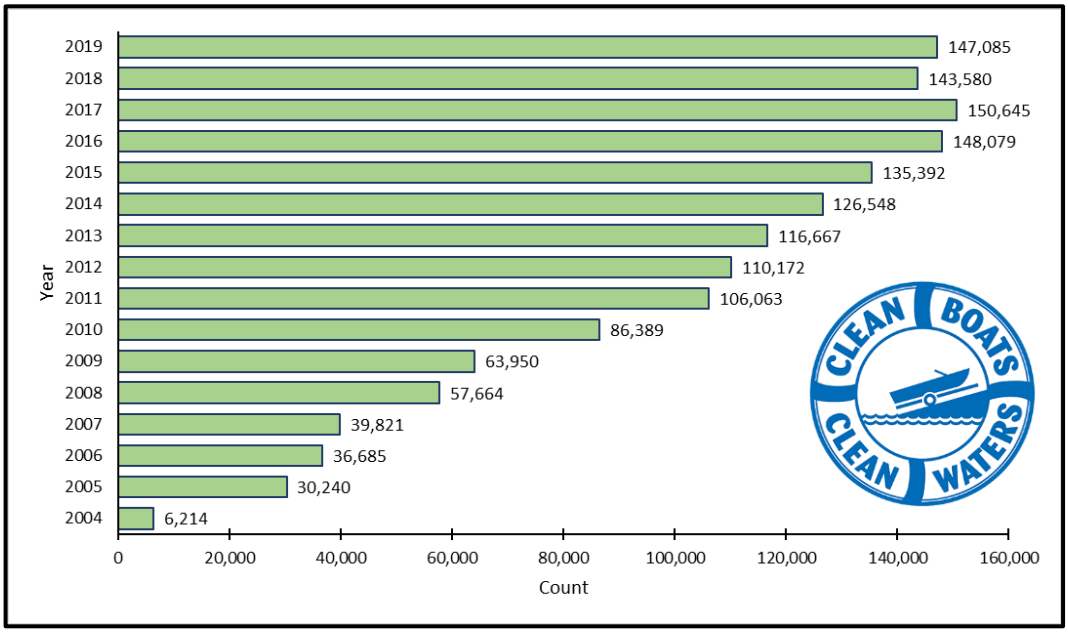


Figure 26. Number of boats inspected as part of the Clean Boats, Clean Waters program since 2004.

Landing Blitz: Thousands of Wisconsinites and visitors take to the water during the Fourth-of-July for the state's busiest boating holiday. The 2018 summer holiday season was the 10th annual Landing Blitz. Boaters are greeted by DNR staff, volunteers, and regional AIS partners to share the simple but powerful message: YOU can protect lakes and rivers from aquatic invasive species.

Snapshot Day: The River Alliance, University of Wisconsin - Extension Lakes, and DNR host a joint lake, stream, and wetland invasive species snapshot day. This event organizes citizen scientists around the state to monitor priority bridge-stream crossings, boat landings and roadsides/trails for AIS of concern on a given day in August. The 2019 AIS Snapshot Day was the 7th bridge snapshot and 3rd lake snapshot day.

Ava from River Alliance of Wisconsin shows off the Landing Blitz boat towel given to holiday boaters. Photo from River Alliance of Wisconsin.

Data Solicitation

The Clean Water Act asks that all readily available data are used to assess a state's water quality. Before the assessments are done a public request for data is sent out. During the 2020 cycle there were four entities that submitted data (see Data Used for Assessments section for specifics):

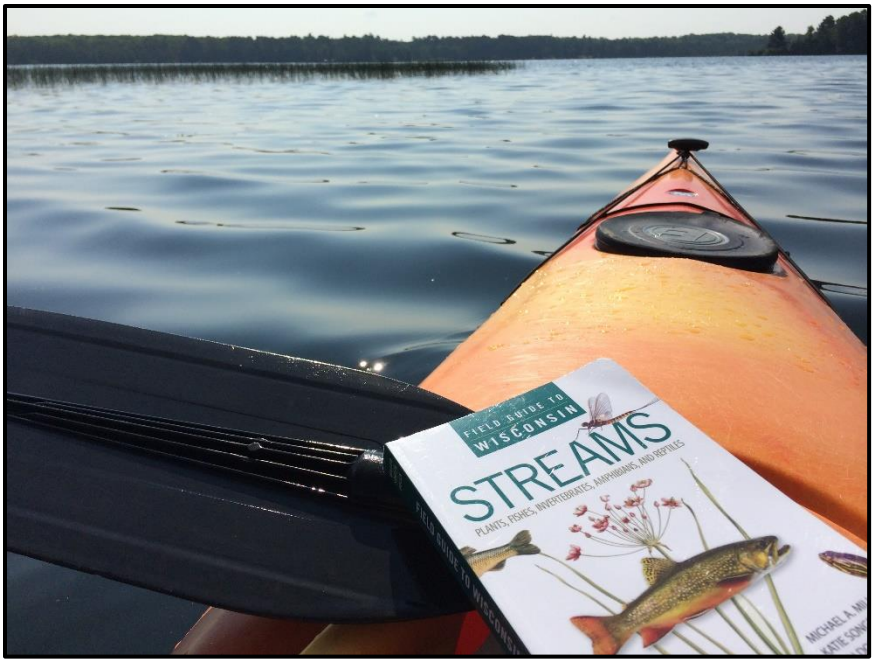
- Courte Oreilles Lakes Association (COLA)
- Friends of the La Crosse Marsh
- Kewaunee CARES
- Taylor County Land Conservation Department (LCD)

Comment Period

A public comment period on the Draft 2020 Impaired Waters List was held from October 15, 2019 to November 22, 2019. Comments were received from 11 different entities and largely addressed specific waterbodies. A full summary of comments and DNR responses can be found on the WDNR webpage (dnr.wi.gov).

Specific waters with comments:

- Musky Bay and LCO (WBIC 2390800)
- Pike Lake (WBIC 858300)
- Long Lake (WBIC 38700)
- Little Menomonee River (WBIC 17600)
- Beaver Creek (WBIC 20000)
- Silver Creek (WBIC 35500)
- White River (WBIC 751200)
- Mud Creek (WBIC 75000)
- Pine Creek (WBIC 66300)
- Flick Creek (WBIC 1397200)
- Hemlock Creek (WBIC 1366300)
- Stream C (WBIC 4000013)



Kayaker with a field guide to Wisconsin Streams. Photo by Lisa Helmuth.

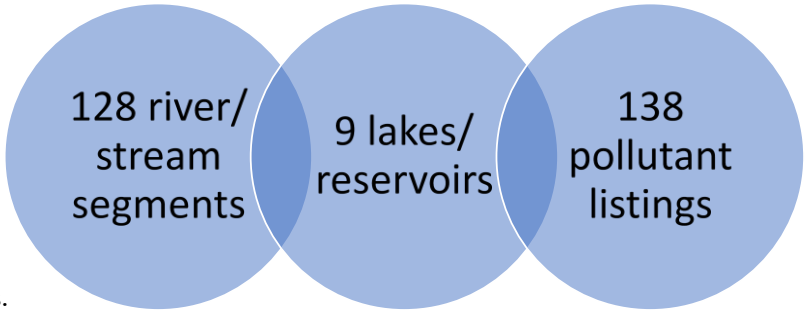
Monitoring and Restoration Work

Monitoring and restoration work are on a continuous cycle. Monitoring and restoration for the 2020 cycle were guided by the:

- 2015 – 2020 Wisconsin Water Monitoring Strategy;
- 2015 Wisconsin's Water Quality Restoration and Prioritization Framework; and the
- 2013 Nutrient Reduction Strategy.

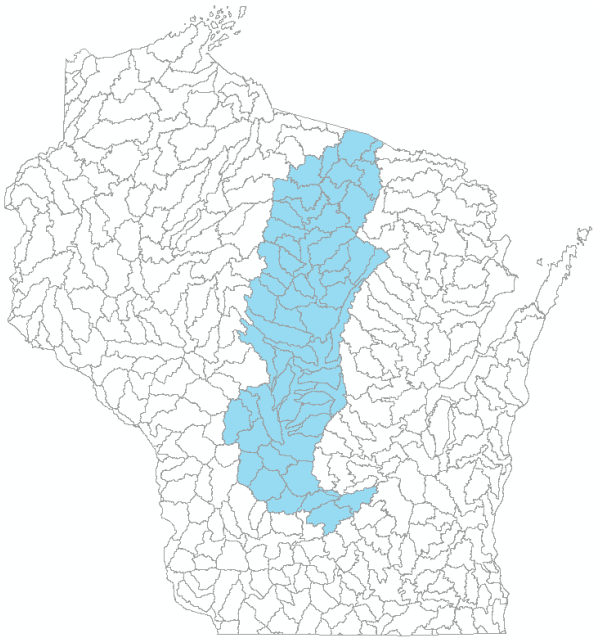
Wisconsin River TMDL

Wisconsin's namesake river, the Wisconsin River, is an important recreational, industrial, and natural resource to the State of Wisconsin. In April 2019, the USEPA approved a TMDL addressing phosphorus impairments for 120 river segments and eight lakes due to excess phosphorus. With the 2020 listing updates the TMDL now includes 128 river segments and 9 lakes and impoundments.



Number of listed waters and pollutant listings addressed by the Wisconsin River Basin TMDL for phosphorus in 2018 – 2020.

TMDL analysis found that the applicable statewide phosphorus criteria of 40 µg/L for Petenwell and Castle Rock Lakes were more stringent than necessary to achieve their recreational and aquatic life designated uses. Based on this analysis, the Department has proposed a phosphorus site-specific criteria (SSC) of 55 µg/L for Castle Rock Lake and an SSC of 53 µg/L for Petenwell Lake.



Location of Wisconsin River Basin TMDLs.

Lake Wisconsin is classified as an impounded, flowing water due to its summer water residence time of less than 14 days, therefore the TP criterion that applies to the lake is equal to the criterion of the inflowing river (100 µg/L). The TMDL analysis found that this criterion allows frequent nuisance algal blooms and is not protective of recreational uses. The Department is recommending a phosphorus SSC for Lake Wisconsin of 47 µg/L. The Department is currently pursuing adoption of these SSC into rule. Because the TMDL was developed prior to adoption of these SSC, the TMDL contains two sets of allocations, one set based on the current criteria, the other based on the proposed SSC.

Nonpoint source implementation efforts have been focused on a variety of locally led projects through the basin. These early, locally-led projects have developed in areas where considerable nonpoint reductions are needed.

Baraboo River Watershed Regional Conservation Partnership Program (RCPP)

RCPP promotes coordination between USDA-NRCS and its partners to deliver conservation assistance to producers and landowners. USDA-NRCS aids producers through partnership agreements and through program contracts or easement agreements. Phase 1 of the project was highly popular, with funds being exhausted two years earlier than anticipated, and Phase 2 of the project is currently underway. Partners include Sauk County, USDA-NRCS, Juneau County Land Conservation Department, and the City of Reedsburg Wastewater Treatment Facility. Common conservation practices include streambank stabilization, no-till, cover crops, rotational grazing, nutrient management, and grassed waterways.

Nine Key Element Watershed Plans

Watershed plans consistent with USEPA's Nine Key Elements Plans provide a framework for improving water quality in a holistic manner within a geographic watershed. The nine elements help assess the contributing causes and sources of nonpoint source pollution, involve key stakeholders, and prioritize restoration and protection strategies to address water quality problems. These plans open the door to additional implementation funding opportunities. Nine Key Element Watershed Plans have been approved for the Fenwood Creek HUC12 (Marathon Co.) and the Mill Creek HUC10 in Portage and Wood Counties.

Large Scale Targeted Runoff Management Grants

The Targeted Runoff Management (TRM) Grant Program offers competitive grants for local governments for the control of nonpoint source pollution. Grants from the TRM Program reimburse costs for agricultural or urban runoff management practices in targeted, critical geographic areas with surface water or groundwater quality concerns (*Figure 27*). Eligible costs include construction of structural best management practices, implementation of non-structural cropping practices, and some staffing costs to plan and install these management practices. Marathon County has received a large scale TRM grant to implement the Fenwood Creek watershed plan. Similarly, Wood County has received a large scale TRM grant to implement the Mill Creek watershed plan.

Producer-Led Watershed Protection Grants

Active producer-led watershed groups include the Eau Pleine Partnership for Integrated Conservation (Marathon Co), Producers of Lake Redstone (Sauk and Juneau Co.) and

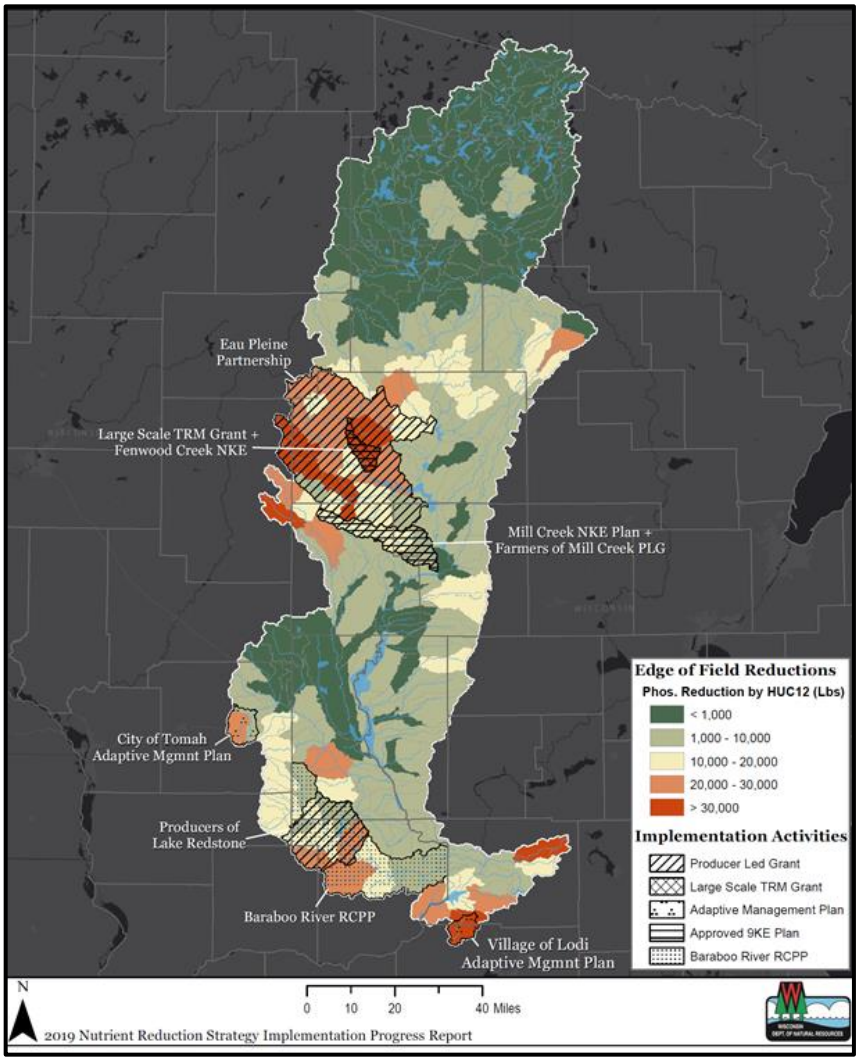


Figure 27. Cropland Phosphorus Targets & Implementation Activities in the Wisconsin River TMDL Basin – 2019.

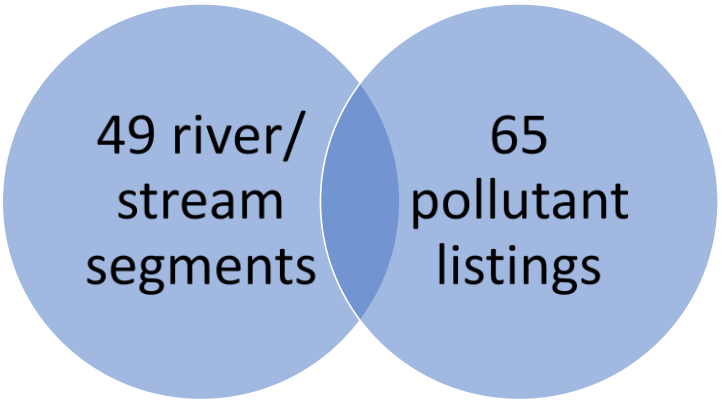
Farmers of Mill Creek Watershed Council (Wood and Portage Co). These groups are focused on improving soil health and reducing nutrient losses from their operations by implementing no-till practices, cover crops, and rotational grazing.

Milwaukee River TMDL

The Milwaukee River Basin TMDL, published in March 2018, is an excellent example of the dramatic watershed recovery success that can take place when all basin stakeholders work together to focus on improving water quality and the river corridor.

From a river that caught fire and burned for 3 days in 1958, to today, where:

- the Milwaukee River is nearly meeting phosphorus criteria;
- salmon and sturgeon have returned and are successfully spawning up the river;
- the U.S. Masters Swimming Races are being held in the river; and
- otters have been repopulating the Milwaukee River in downtown Milwaukee.



N
addressed by the Milwaukee River Basin TMDLs for phosphorus, sediment, and *E. coli* in 2018 – 2020.

North American River Otter: the type of otter repopulating the Milwaukee River.

A significant proportion of pollutant loading (total suspended solids, phosphorus, and fecal/e-coli) in the Milwaukee comes from point sources – both municipal and industrial waste water discharges and urban stormwater. Nearly 100% of reductions in the Kinnickinnic River (fully developed) and Menomonee River (~80% developed) will be required to come from point sources, while approximately 50% to greater than 75% in the Milwaukee River will be required of point sources.

However, despite these remarkable successes, waters of the greater Milwaukee Basin still struggle in places from excessive nutrient, sediment, and bacterial loading, in addition to low dissolved oxygen. This is especially apparent in the heavily urbanized Menomonee and Kinnickinnic River watersheds. Long-term monitoring data from the Harbor-estuary and Milwaukee River show dramatic reductions in total phosphorus (currently being reviewed for delisting) and TSS. Nitrates, however, have been showing a consistent increasing trend through the period of record.

Location of Milwaukee River Basin TMDLs.

Given these remaining challenges, the TMDL team continues working together and are jointly developing the Milwaukee Basin Water Quality Improvement Plan (WQIP). This plan, to be completed by second quarter of 2020 and included in Milwaukee Metropolitan Sewerage District's (MMSD) WPDES permit, builds on the technical strength of the TMDL Report, several Nine Key Element (9KE) plans, MMSD's Regional Green Infrastructure and 2050 Facilities Plans, and several Southeastern Wisconsin Regional Planning Commission's (SEWRPC) plans.

The WQIP also serves as a framework, bringing together the watershed restoration plans (WRPs) of the Milwaukee, Kinnicknnic, and Menomonee Rivers, in addition to the Remedial Action Plan for the Milwaukee Harbor AOC, which now incorporates the TMDLs by reference, as measures necessary to remove the sources of beneficial Use Impairments (BUIs) in the harbor/estuary. The BUIs are consistent with the designated use impairments addressed by the TMDLs.

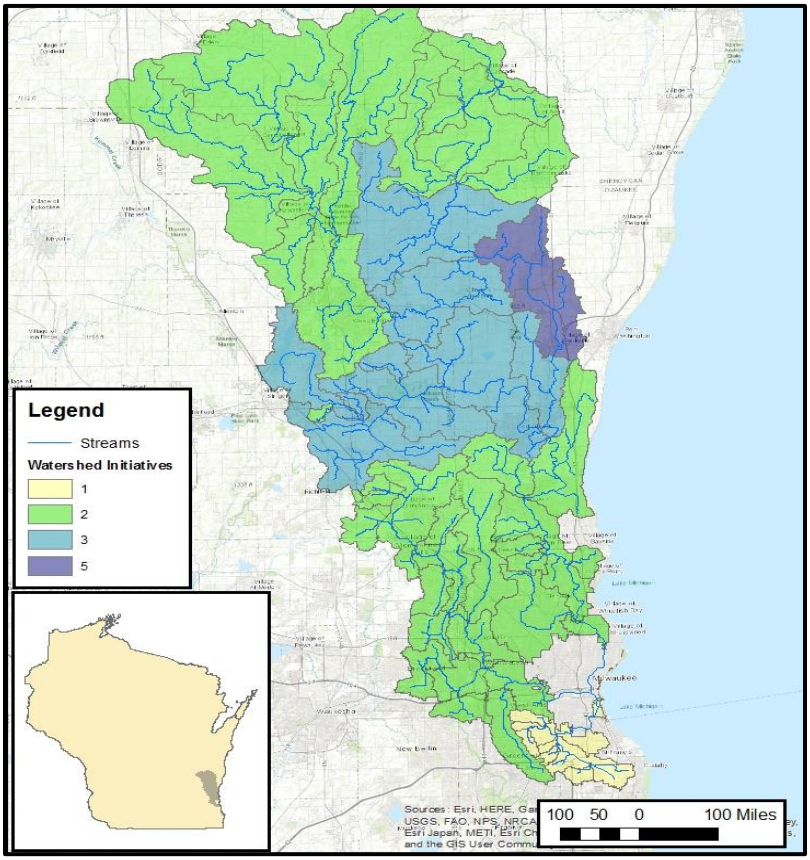
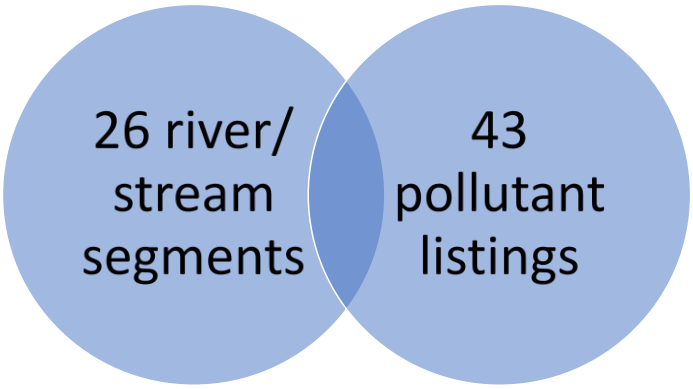


Figure 28. Milwaukee River Basin TMDL Watershed Implementation Initiatives.

Lower Fox River Basin TMDL

The Lower Fox River Basin TMDL was published in March 2012 and addresses Total Phosphorus and Total Suspended Solids.



Number of listed waters and pollutants addressed

addressed by the Lower Fox River Basin TMDLs in 2012.

Location of Lower Fox River Basin TMDLs.

Point Sources Implementation Activities: Municipal Separate Storm Sewer Systems

Municipal separate storm sewer systems in 30 municipalities received TMDL reductions under the WPDES general permit in May 2014. Full implementation will reduce 21,058 pounds of phosphorus per year. Both total suspended solids (TSS) and total phosphorus (TP) loading reductions in the Lower Fox TMDL area continue to be pursued by the 30 permitted MS4s in 2017 and 2018.

All 30 affected MS4s have completed pollutant modeling, more than three quarters of them with cost-share from Urban Non-Point planning grants over the last 9 years. Two MS4s are currently meeting their MS4 Waste Load Allocation (WLA) implemented as an annual % reduction in TSS and TP. The remaining 28 MS4s have submitted implementation plans and the Department has concurred with 24 of those plans.

The MS4 GP reissued in May 2019 gave MS4s several options to meet or make progress toward meeting their TMDL WLAs. These options include following concurred-with implementation plans and demonstration of incremental progress. The Department has supported those efforts in 2017 and 2019 with the Urban Non-Point Source construction grants on construction of 6 new regional ponds, one streambank stabilization project, and two biofilters.

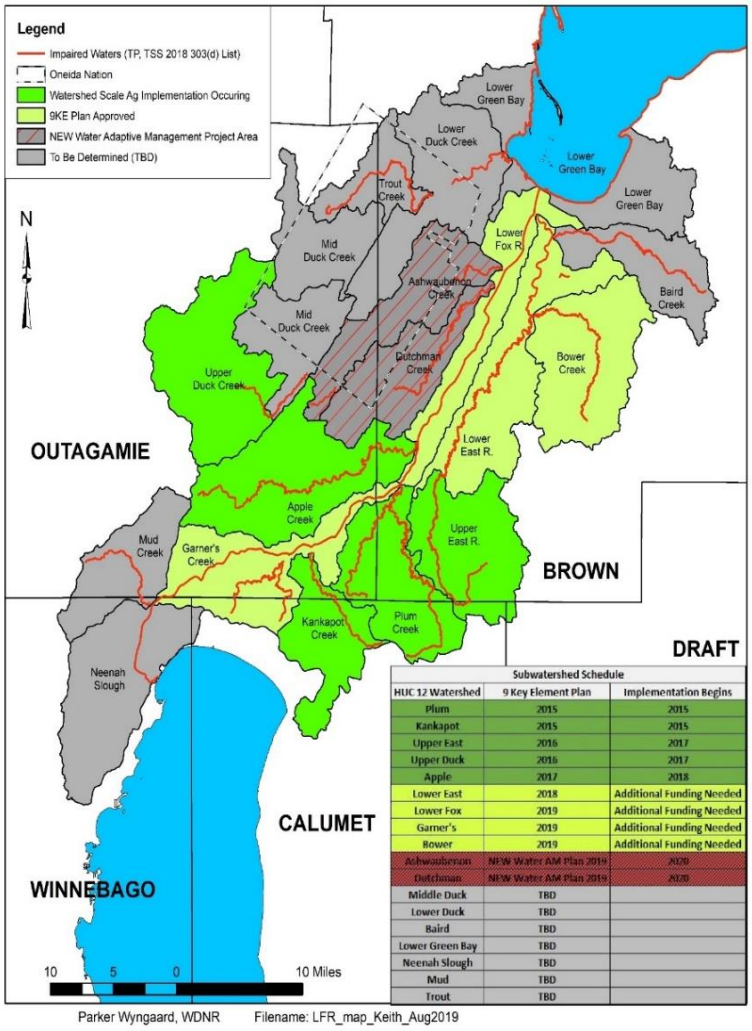
Nonpoint Sources Implementation Activities: Agriculture Sector

Nine Key Element Watershed Plans

The WDNR completed review and issued approval of Nine Element watershed plans for the Apple River in 2017, the Lower East River in 2018 and the Lower Fox River, Garner's Creek, and Bower Creek in 2019 (Figure *29*). Nine key element plans for the Upper East and Upper Duck began implementation in 2017. The Apple River plan began implementation in 2018.

All plans have ten-year schedules and contain milestones that reflect realistic landowner participation rates and implementation of various practices on 75% of cropland acres in each watershed. Because of this, the plans explain that they will make substantial progress towards, but fall short of, meeting overall Lower Fox TMDL phosphorus reduction goals. To meet the nine elements, each plan explains additional practices or new technologies to meet the remaining TMDL phosphorus and sediment reductions that are predicted, via modeling, to restore impaired waters in the basin.

The plans represent current pieces of the overall Lower Fox TMDL implementation plan strategy. The status of TMDL implementation by watershed is shown on the map shown here (*Figure 29*).



Subwatershed Schedule

HUC 12 Watershed	9 Key Element Plan	Implementation Begins
Plum	2015	2015
Kankapot	2015	2015
Upper East	2016	2017
Upper Duck	2016	2017
Apple	2017	2018
Lower East	2018	Additional Funding Needed
Lower Fox	2019	Additional Funding Needed
Garner's	2019	Additional Funding Needed
Bower	2019	Additional Funding Needed
Ashwaubenon	NEW Water AM Plan 2019	2020
Dutchman	NEW Water AM Plan 2019	2020
Middle Duck	TBD	
Lower Duck	TBD	
Baird	TBD	
Lower Green Bay	TBD	
Neenah Slough	TBD	
Mud	TBD	
Trout	TBD	

Figure 29. Lower Fox River Basin TMDL Watershed Implementation Schedule.

Plum Creek and Kankapot Creek Watersheds

The Plum Creek and Kankapot Creek watersheds, located near the villages of Kaukauna and Wrightstown in northeast Wisconsin, were identified in the Lower Fox River Total Maximum Daily Load (2012) plan as one of the highest contributing watersheds to the Lower Fox River for sediment and phosphorus pollution.

Initial analysis of the practices that have been installed from 2015 to 2018 indicate the following average input reductions (note that these reductions are for both the Plum and Kankapot Creek watersheds combined and encompass various entities and funding sources):

- Cover Crops: 1263 pounds/year of phosphorus & 146 tons/year (292,000 pounds/year) of TSS;
- Buffer Strips: 211 pounds/year of phosphorus & 19 tons/year (38,000 pounds/year) of TSS;
- Streambank Protection Projects: 82 pounds/year of phosphorus & 59 tons/year (118,000 pounds/year) of TSS.

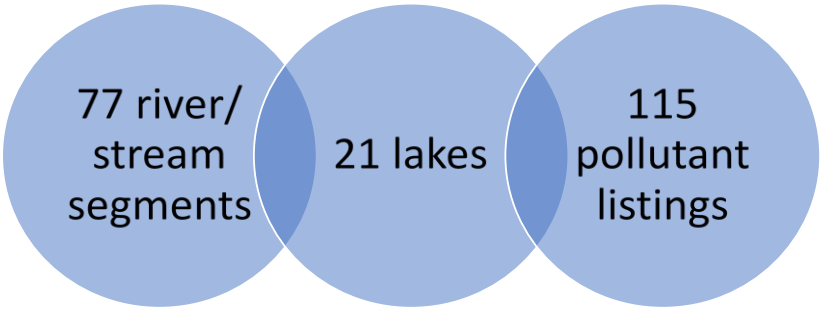
In addition to the above reductions:

- Nutrient management planning has provided an additional total of 364 pounds of phosphorus reductions;
- Barnyard Runoff and Waste Storage projects have provided a total of 467 pounds of phosphorus reductions;
- Other projects (such as Treatment Wetlands) and practices (such as conversion to grazing) have provided additional reductions of; 743 tons (1,486,000 pounds) of TSS and 3,767 pounds of phosphorus;
- Conservation practices such as grassed waterways or concentrated flow area treatments have attributed 474 tons (948,000 pounds) of TSS and 759 pounds of phosphorus reductions.

Upper Fox/Wolf River Basins

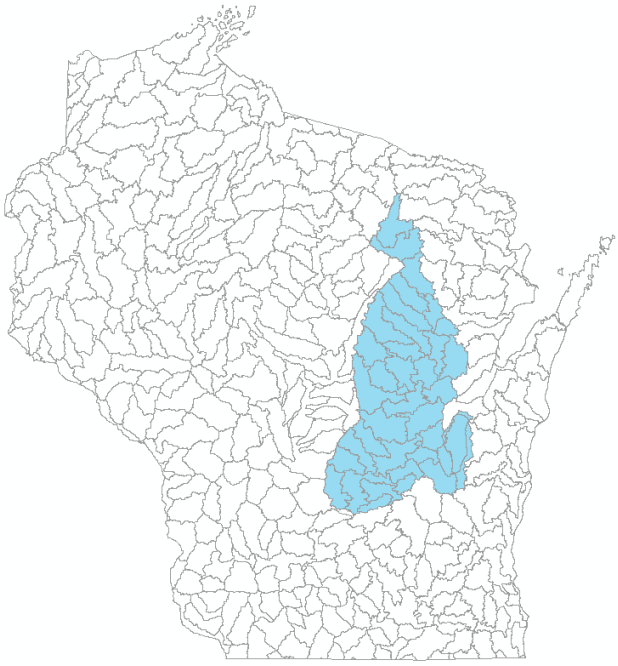
The Upper Fox and Wolf River Basins (UFW) are two separate basins that converge within a series of pool lakes in Winnebago County (Lake Poygan, Lake Winneconne, and Lake Butte des Morts) before finally flowing collectively into Lake Winnebago. All the surface water drainage to Lake Winnebago is contained within these two basins. Lake Winnebago outlets into the Lower Fox River Basin, where it eventually flows into Green Bay (*Figure 30*). All four lakes are currently impaired due to excess phosphorus and are experiencing severe algae problems that interfere with recreation.

Lake Winnebago is the source of drinking water for 250,000 people. The presence of reoccurring harmful algal blooms puts this drinking water source at risk of cyanotoxins breaking through the water treatment process.



Number of listed waters and pollutant listings addressed by the Upper Fox/Wolf River Basin TMDLs in 2018 – 2020.

The DNR, together with many partners throughout the basins, are working to improve water quality within the Upper Fox and Wolf Rivers, which includes many lakes and tributaries. The Total Maximum Daily Load (TMDL) study and implementation plan will provide a strategic framework and prioritize resources for water quality improvement in the UFW. This TMDL was submitted to EPA for approval in January 2020 and was approved in February 2020.



Location of Upper Fox/Wolf River Basin TMDLs.

Point Sources Implementation Activities: Municipal Separate Storm Sewer Systems

Both TSS and TP loading reductions in the Upper Fox /Wolf TMDL area continue to be pursued by the 27 permitted MS4s in 2017 through 2019. The Department has supported those efforts by providing Urban Non-Point Source construction grants for the construction of one new regional pond and one underground detention project. Now that the TMDL is approved, the focus of TMDL-related MS4 permittee efforts during the current 5-year permit term will be on assessment and planning.

Many of the communities either recently completed or are in the process of completing community-wide pollutant modeling to estimate pollutant reductions achieved within the TMDL watersheds and identify locations for new structural best management practices to be installed in the future. The Department is providing cost-share dollars through the Urban Non-point source planning grant program for 7 permitted MS4's in the Upper Fox/Wolf TMDL.

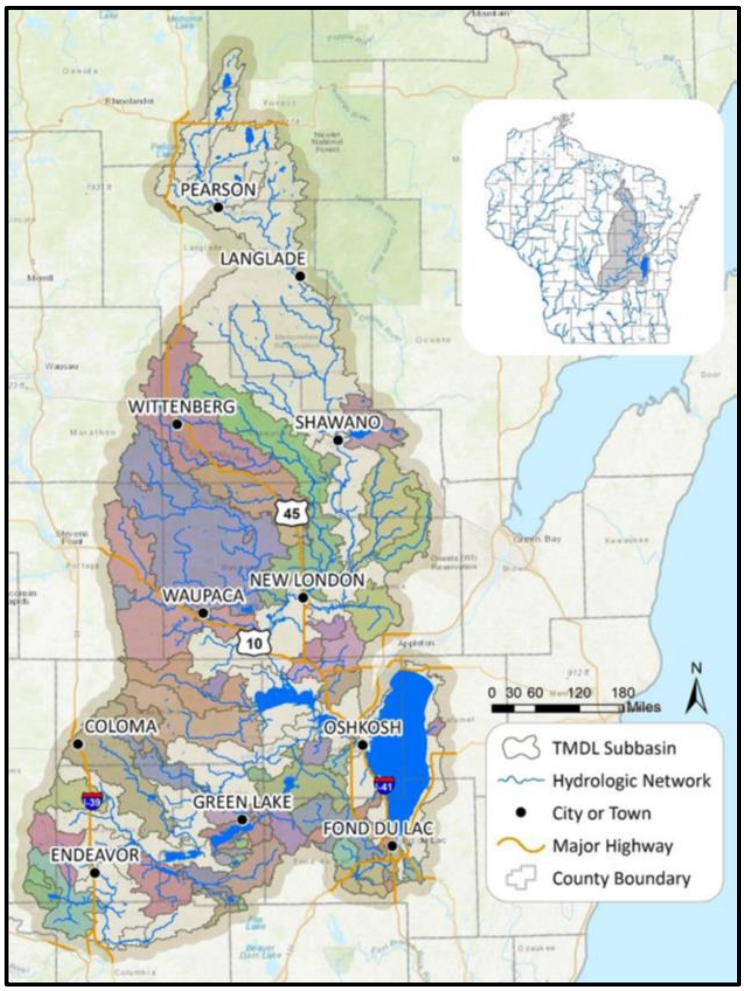


Figure 30. Upper Fox/Wolf River Basin TMDL area and subbasins.

Nonpoint Sources Implementation Activities: Agriculture Sector

Although the TMDL for the Upper Fox/Wolf was just approved in February 2020, implementation of phosphorus reducing activities has already started. Watershed-based planning is a key first step.

Nine-key element plans have been approved for the Weyauwega Lake – Waupaca River and Bear Lake – Little Wolf River watersheds. A large lake management planning effort, Winnebago Waterways, is underway, which includes developing a Nine Key Element Plan for 32 HUC 12 watersheds. Total Maximum Daily Load (TMDL) load allocations (LA) for agricultural sources can be challenging to incorporate into TMDL implementation planning efforts due to: 1) the dependence of nonpoint source pollutant loading on weather, soil, and land management practices that vary widely in space and time; and 2) conceptual differences between watershed models used for TMDL development and field-scale models used by agricultural producers to estimate nutrient and sediment losses under alternative management practices.

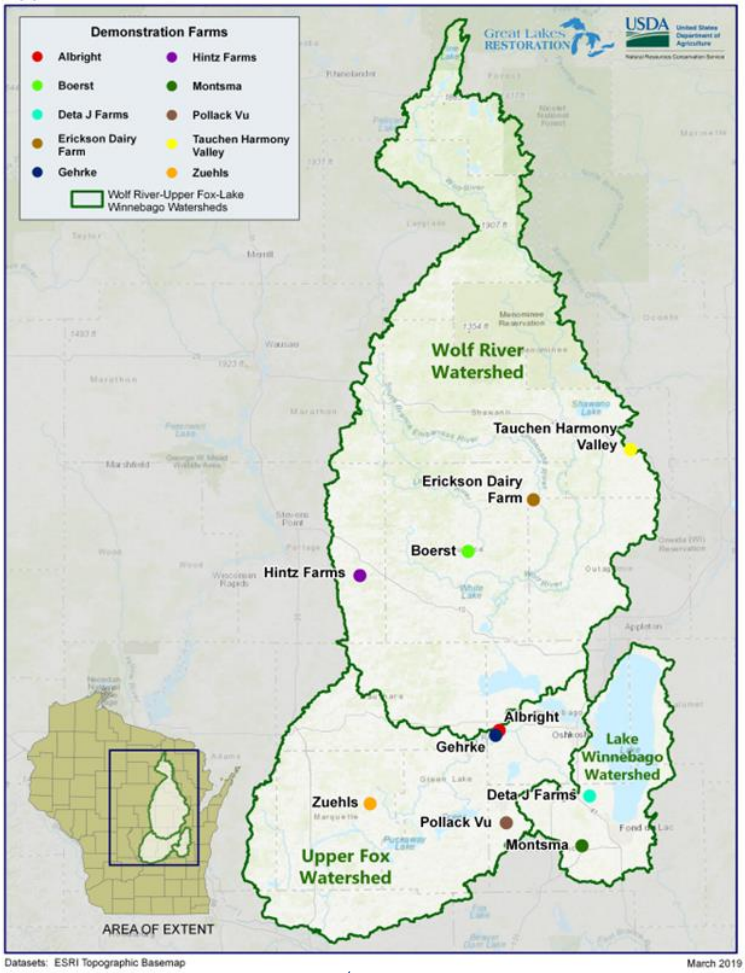


Figure 31. Upper Fox/Wolf Demonstration Farms Network.

Wisconsin Department of Natural Resources (WDNR) has developed a framework for communicating agricultural LAs to translate results of the watershed model used for TMDL development to field-scale model outputs that are better understood by the agricultural community. The framework serves as tool for producers to evaluate Best Management Practices (BMPs) to implement on their own fields in order to meet TMDL LAs.

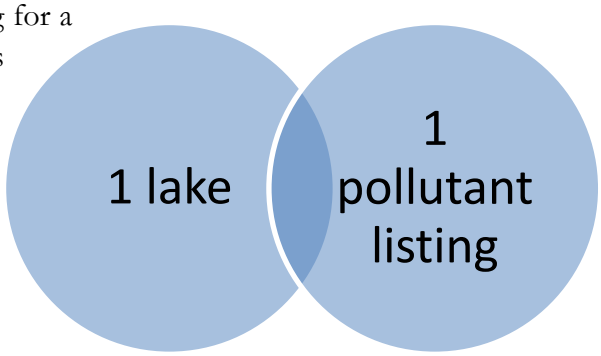
Upper Fox/Wolf Demonstration Farms Network

The Upper Fox-Wolf Demonstration Farms was initiated in 2019 and consists of 10 farms/producers across 8 counties (*Figure 31*). It is a collaborative agreement with the counties of Shawano, Winnebago, Portage, Waupaca, Fond Du Lac, Green Lake, Marquette, Outagamie, and the Green Lake Association, all located within the 6,000 square miles of the Upper Fox River and Wolf River Basin. This network of growers has the goal of demonstrating conservation practices, technologies, and techniques that reduce sediment loss and improve water quality. In 2019, practices included inter-seeded cover crops, late summer/fall seeded cover crop applications, no-till planting, planting into green cover, rotational grazing, low disturbance manure application, and alternative forages. Each farm, as part of the agreement, is required to apply conservation practices on 100 acres. Ten farms would equate to a minimum of 1,000 acres. Almost all the farms are well beyond the 100-acre requirement as far as conservation practices applied at their own initiative.

In 2020, conservation practices will expand upon last year's practices and incorporate lessons learned. Additional practices that are being considered are native/pollinator-friendly buffers, buffers along watercourses, trafficability, relay cropping, in season applications of manure, grazing cover crops, alternative crops and forages, and experimenting more in depth with the use of cover crops.

Lake St. Croix TMDL

In 2012, the U.S. EPA approved a TMDL for Lake St. Croix, calling for a 38% reduction in the human-caused phosphorus carried to the rivers and streams of the basin. In 2015, a TMDL implementation plan was finalized and approved. The most recent progress report (April 2019) details phosphorus reduction activities in the St. Croix River basin by partners in Wisconsin and Minnesota. It reports accomplishments primarily from survey responses from counties and local partners on best management practices (BMPs) and educational efforts. Many more projects were completed by a variety of partners and individuals beyond what is captured in the report. The information below is excerpted from the 2019 progress report and summarizes phosphorus reduction activities in the Wisconsin portion of this shared watershed.



Number of listed waters and pollutant listings addressed by the Lake St. Croix TMDL in 2012.

A wide range of practices were implemented to lower phosphorus within the St. Croix River Basin and improve the health of these waters:

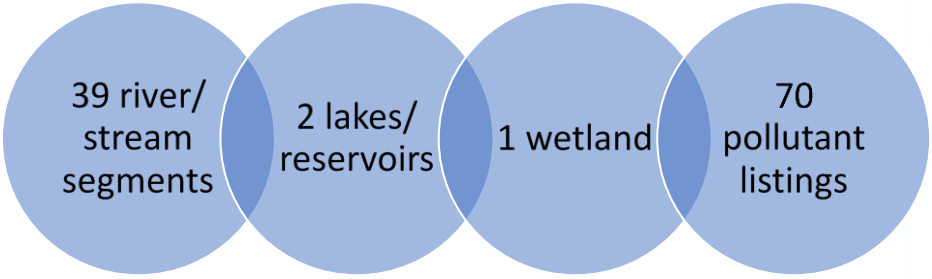
- Forestry: Prescribed burning management and maintenance of riparian management zones
- Agriculture: Soil health and tillage practice improvements, grassed waterways, nutrient management, and manure storage.
- Shoreline: Lake management planning, shoreline buffer, and habitat restoration.
- Urban: Installation of rain gardens and infiltration strips.
- Land Protection: Land protection, native plantings, and prairie restoration.

- Education: Educational efforts in all categories.

The United States Geological Survey (USGS) staff are developing a water quality model for Lake St. Croix to calculate nutrient loads and the effectiveness of implemented practices to reduce nutrient loading into Lake St. Croix.

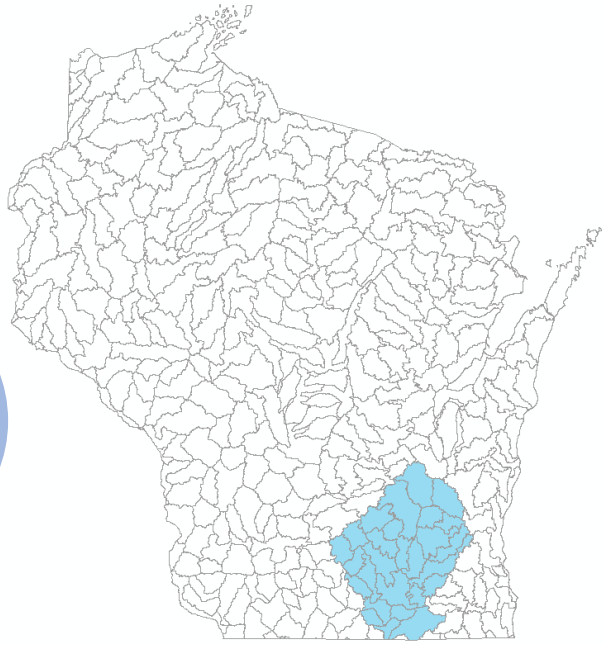
Upper Rock River Basin TMDL

The Upper Rock River Basin TMDL was published in July 2011 and addresses phosphorus and sediment listings. In June 2018 a TMDL for Beaver Dam Lake, not originally included in the Rock River TMDL, was published.



Number of listed waters and pollutant listings addressed by the Upper Rock River Basin TMDLs in 2011.

Number of listed waters and pollutant listings addressed



Location of Rock River Basin TMDLs. Note: Map includes Upper Rock River and Lower Rock River Basins.

Yahara Watershed Improvement Network (WINS) Adaptive Management Pilot Project

Yahara WINS continues to grow as agricultural, municipal, and wastewater partners work together collectively to implement TMDL practices. Phosphorus reductions for 2018 were 47,223 pounds across the 540 square miles watershed (16% of Rock River Basin) and represent 48% of the 2036 goal of 96,000 pounds/year phosphorus

City of Beaver Dam Lake Adaptive Management Project

The City of Beaver Dam Lake is initiating Watershed Adaptive Management as their WPDES Permit Compliance option. DNR staff worked with the City of Beaver Dam to review permit compliance options, and in 2018 published the Beaver Dam Lake TMDL to reflect updated monitoring data and limits. The Adaptive Management project will incorporate this nested TMDL. The final Adaptive Management Plan was completed in December of 2019.

Madison Area Metropolitan Stormwater Partnership (MAMSWAP) MS4

Permitted MS4 communities in the Madison Area Metropolitan Stormwater Partnership (MAMSWAP) are participating in the Yahara WINs Adaptive Management Project for stormwater compliance with TMDL reductions and meeting in-stream criteria.

The DNR has reissued Wisconsin Pollutant Discharge Elimination System (WPDES) MS4 General Permit No. WI–S050075–3, effective May 1, 2019, which replaces previous coverage under expired WPDES MS4 General Permits No. WI–S050075–2 and WI–S050181–1. The new GP requires municipalities to reduce polluted storm water runoff

by implementing storm water management programs with best management practices to specifically address TMDL reductions. Goals for communities that are members of Adaptive Management projects are focused on meeting in-stream criteria, while other communities must specifically address percent reductions.

Included in the new permit is the finalized TMDL permitting strategy for permitted regulated stormwater systems communities. Existing MS4 communities have already received the first (general and individual) permit in this cycle for the Rock River Basin. No new MS4 communities have been added to the TMDL since the last report in 2016.

Nonpoint Sources (NPS) Implementation Activities: Farmer-Led Watershed Groups

"Common Ground" Initiative

The baseline condition for NPS pollutants in the Rock River TMDL is a basin-wide Phosphorus Index of 6 pounds per acre per year and tolerable soil loss of 2 tonnes per acre per year – consistent with the statewide Agricultural Runoff Performance Standards in NR151. Working with the existing farmer-led watershed groups in the Rock River Basin (Yahara Pride Farms, Dodge County Farmers for Soil Health and Water Quality, and Farmers for Lake Country), and through direct contact with the farmers (helping at various farms with field days and unofficial surveys of farmers at their events, meetings, etc.), it appears that these farmers are employing best farming practices across tens-of-thousands of acres (*Figure 32*). It is likely, although undocumented, that these practices not only exceed the NR151 requirements, but also meet or exceed the NPS reductions required in the TMDL.

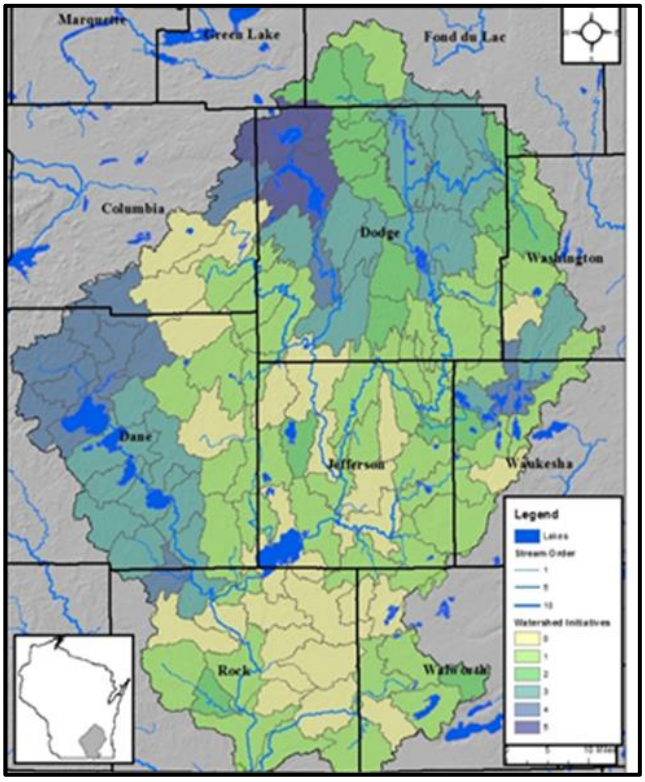


Figure 32. Rock River Recovery TMDL Implementation Plans by Watershed.

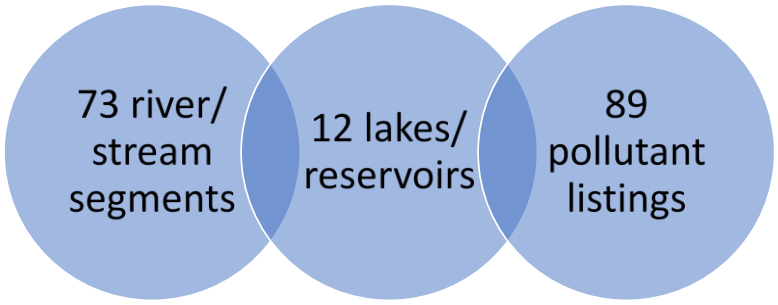
Note: Map includes Upper Rock River and Lower Rock River Basins.

The "Common Ground" initiative builds on these successes and the three related goals of Farmer-Led Watershed Groups – local control, soil health, and water quality. This initiative, being coordinated with the Producer-Led Watershed Grant Program of the Department of Agriculture, Trade and Consumer Protection (DATCP), further builds on the success of the DNR "Green Tier" initiative for private industry that looks to facilitate superior performance through collaborative industry/agency partnerships:

- Yahara Pride Farms: Farmers in this organization reduced phosphorus runoff by more than 20,000 pounds in 2018 using "prevention-based" best practices on agricultural lands to minimize or eliminate runoff from fields.
- Dodge County Farmers: Farmers in this large farmer-led group (covering all of Dodge county) have been implementing "prevention-based" best practices on nearly 100,000 acres of agricultural fields.
- Farmers for Lake Country: Farmers in this organization have been instrumental in adopting "prevention-based" best practices, riparian buffers, easements, and field retirement to minimize or eliminate runoff from fields.

Northeast Lakeshore Basin TMDL

The Northeast Lakeshore TMDL is currently in the development phase. Initial stream monitoring for the Northeast Lakeshore TMDL began in 2016 and expanded to 43 locations in 2017 when the Wisconsin legislature appropriated funding for developing the Northeast Lakeshore TMDL. The resulting TMDL will address 42 streams and 12 inland lakes impaired from phosphorus or sediment in the basins that make up Wisconsin's northeast lakeshore. Completion and EPA approval of the Northeast Lakeshore TMDL is expected in 2022.



addressed by the Northeast Lakeshore TMDLs when completed, as of 2020 lists.

Location of Northeast Lakeshore TMDLs.

Nine Key Element Plans

The DNR has been engaging with county partners to gather agricultural land use and land management data for incorporation into the TMDL watershed model. This data gathering effort has helped prepare counties for the TMDL implementation phase by facilitating the identification of high priority areas for TMDL implementation and Nine Key Element Plan development.

There are currently five Nine Key Element plans that are either approved or in development within the NE Lakeshore TMDL area (*Table 9*). In all plan areas, except the Cal-Man Lakes, agriculture makes up a majority (greater than 50 %) of the land use. The plans that are approved or in development focus on reducing sediment and phosphorus runoff, which will directly contribute to achieving the phosphorus and sediment reduction goals developed in the NE Lakeshore TMDL. Together, these plans cover 8 of the 12 TP impaired lakes listed in 2018 and 5 of the 44 phosphorus or sediment impaired streams listed in 2018 (*Figure 33*).

Table 9. Nine Key Element plans within the NE Lakeshore TMDL area to address phosphorus and sediment impairments.

Nine Key Element Plan Name	County	Status	Acres covered by plan	HUC12 watersheds in plan	2018 Impaired Waters Covered in Plan
Upper Ahnapee	Door	Review and revision stage	34,000	Approx. 2/3 of the Ahnapee River HUC12	Ahnapee River
Lower Ahnapee	Kewaunee	Review and revision stage	42,191	Approx. 1/3 of the Ahnapee River HUC12; Spring Creek; Rio Creek	Ahnapee River, Silver Creek
Cal-Man Lakes	Calumet and Manitowoc	DNR approved March 2019	1,234	Lake focused plan within the Spring Creek HUC12	Round Lake, Boot Lake, Long Lake, Becker Lake
North Branch Manitowoc	Calumet	Review and revision stage	47,647	Headwaters of North Branch Manitowoc; North Branch Manitowoc; Spring Creek	North Branch Manitowoc River
Pine Creek	Manitowoc	DNR approved September 2019	13,409	Pine Creek	Pine Creek, Calvin Creek, Carstens Lake, Gass Lake, Hartlaub Lake, Weyers Lake

Education and Outreach

In 2018 and 2019, the DNR presented project updates to watershed groups, farmer-led groups, and technical teams in the Ahnapee and Manitowoc River Basins. These updates increase the interest and awareness of TMDL implementation activities.

Lakeshore Natural Resource Partnership (LNRP)

The Lakeshore Natural Resource Partnership and its watershed partners are playing a key role in outreach, education, and non-point implementation aspects of the NE Lakeshore TMDL. Since 2012, LNRP has expanded their role in watershed stewardship by partnering with eight watershed groups in the NE Lakeshore TMDL area. LNRP acts as a central point of communication for the groups and works to create a unified vision amongst the groups through strategic planning. The watershed groups largely focus on the protection and enjoyment of their resources through advocacy, education, and improvement projects. The watershed partner groups include:

- Sheboygan River Basin Partnership
- Friends of North Point
- Friends of Hika Bay
- Friends of the Manitowoc River Watershed
- Friends of the Twin Rivers
- Friends of the Branch River
- Friends of Crescent Beach
- Forest Recovery Project of Door County

LNRP has also contributed to watershed-based planning in the NE Lakeshore TMDL area. In 2017 LNRP secured funding to convene a technical group known as the Manitowoc River Technical Team. This group included members from municipalities, county land and water departments, DNR, and UW Extension. The Manitowoc River Technical Team has facilitated collaboration amongst its members and helped positioned them for implementation of the NE Lakeshore TMDL. Additionally, LNRP provided technical and financial assistance for the Nine Key Element plans developed, or in development, by the Calumet and Manitowoc Land and Water Conservation departments.

Finally, LNRP along with its watershed groups, have coordinated a collaboration between the University of Wisconsin, Green Bay – Manitowoc Campus to create the Lakeshore Water Institute. LNRP contributed funding to the Lakeshore Water Institute to monitor five streams within the Manitowoc River Basin. The data collected from this monitoring will be used in the development of the NE Lakeshore TMDL.

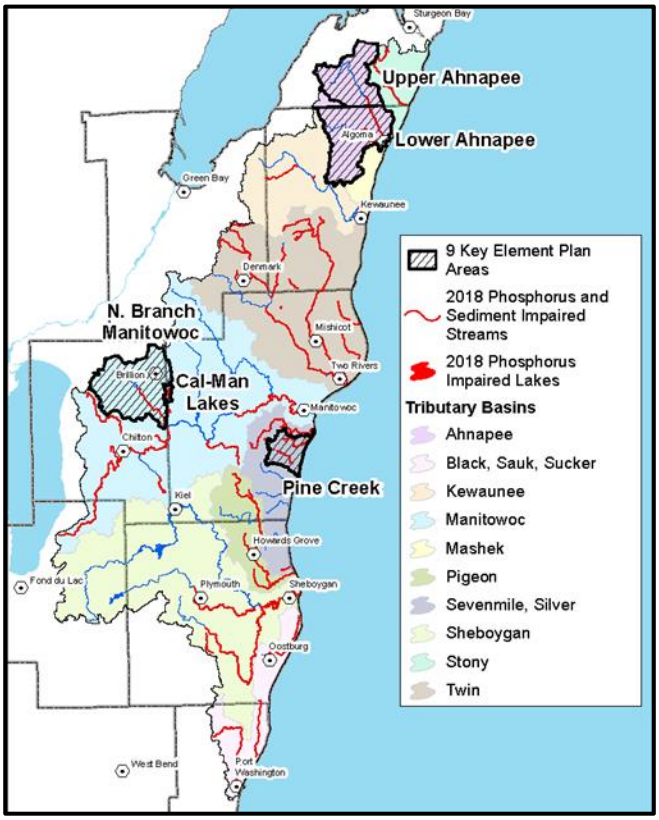


Figure 33. NE Lakeshore TMDL 2019 Nine Key Element Plans approved and in progress.

Door-Kewaunee Demonstration Farms Network

The Door-Kewaunee Watershed Demonstration Farm Network, a collaboration between USDA-Natural Resources Conservation Service, the Wisconsin Department of Agriculture, Trade and Consumer Protection, and Peninsula Pride Farms was formed in 2017 to show how different conservation practices and technologies can be used to protect surface and groundwater in Northeastern Wisconsin. The four demonstration farms implement a variety of conservation practices and technologies to demonstrate the effectiveness of those practices in reducing soil erosion and nutrient runoff. Practices being tested include application of manure on growing crops, inter-seeding cover crops into corn, low disturbance manure applications, no-till, and a denitrifying bioreactor to reduce nitrogen loss through drain tile with USGS monitoring.

Events such as field days, farm tours, and workshops are being done throughout the growing season to demonstrate the lessons learned to other farmers, natural resources managers, and researchers throughout Wisconsin. In 2018, the Door-Kewaunee Watershed Farm Network received an increase in funding of $300,000 from the Great Lakes Restoration Initiative and an additional two years to the agreement.

Otter Creek Watershed Project—The Nature Conservancy

From 2011 thru 2018, conservation partners worked with farmers in the Otter Creek Watershed of the Sheboygan River basin to improve water quality. In-stream monitoring stations were installed at the end of each watershed, the treatment watershed being Otter Creek and the control watershed being Fisher Creek. The goal of the project was to focus phosphorus reduction efforts on the highest phosphorus loss fields by engaging the farmers that operated these fields to implement phosphorus reducing conservation practices.

There were three phases to the project: inventory, implementation, and monitoring. The inventory involved meeting with each farmer to learn how they farm each field in the watershed. Farmers were very willing to participate in the study: 96% of the crop fields in the watershed were included in the inventory. Based on this inventory data, it was determined that 85% of the inventoried phosphorus load was coming from land operated by 12 farmers.

Conservation practices through the end date of the project in 2018 include:

- 1,201 pound or 15% reduction in modeled phosphorus based on the change in practices made by eleven farmers implemented in the Otter Creek watershed. SNAP runs were done on their fields for baseline and then after practices installed. The difference was 1201 pound or 15% reduction.
- 15 out of 18 fields (83%) with an inventoried PI > 6 had conservation practices implemented.
- Of the 12 farmers with the highest total inventoried phosphorus load, 9 farmers (75%) implemented new conservation practices.
- Nutrient management plans were the most widely adapted practice. At the time of the inventory, only 390 acres of cropland existed in the Otter Creek watershed that were operated under a nutrient management plan. After the implementation phase, there were 1,840 acres of cropland operated under a nutrient management plan, an increase of 1,450 acres, or 370%.
- The second most implemented practice in the project was grassed buffers along at least 20 feet of the banks of Otter Creek. A total of seven grassed buffers were established on four farms.

Fox River-Illinois TMDL

The development of a TMDL for phosphorus and TSS for the Fox River-Illinois has been initiated. Monitoring plans have been developed and monitoring for water quality and flow was initiated at the beginning of 2020. EPA contractor support will assist in the collection and analysis of samples. WDNR modeling staff have begun data collection for the modeling process and have reached out to Illinois and their contractor, CDM, to discuss Illinois' soon to be submitted TMDL covering phosphorus impairments for the series of lakes located immediately south of the Wisconsin – Illinois border. The TMDL for Illinois' lakes will inform allocations in the Fox River Basin for Wisconsin. Allocations must be set so that the phosphorus water quality criteria are attained both for local waters and the downstream lakes.

Adaptive Management Plans

Adaptive management is a phosphorus compliance option that allows point and nonpoint sources (e.g. agricultural producers, storm water utilities, developers) to work together to improve water quality in those waters not meeting phosphorus water quality standards. This option recognizes that the excess phosphorus accumulating in our lakes and rivers comes from a variety of sources, and that reductions in both point and nonpoint sources are frequently needed to achieve water quality goals. By working in their watershed with landowners, municipalities, and counties to target sources of phosphorus runoff, point sources can minimize their overall investment while helping achieve compliance with water quality-based criteria and improve water quality.

Throughout the 2018-19 biennium, a number of WPDES permittees established adaptive management efforts in their local watersheds (Figure *34*). WDNR approved eight adaptive management plans, bringing the total number of permittees approved for adaptive management to 17 since the program's conception. The eight new plans of the

biennium target a total phosphorus reduction of 67,814 pounds/year to be achieved within four WPDES permit terms. In the permittees' first permit term, these eight projects have committed to a minimum offset of 7,408 pounds/year of phosphorus, collectively. Each permittee will begin formally monitoring the receiving water to track implementation progress, which is reflected in monitoring requirements found in the WPDES permit. New partnerships between municipalities, agricultural producers, and environmental organizations have formed around adaptive management, as common restoration interests bring resources to the table to achieve common goals. Four additional WPDES permittees began formally developing adaptive management plans during the 2018-2019 biennium.

Water Quality Trading

Water Quality Trading (WQT) may be used by WPDES permit holders to demonstrate compliance with WQBELs. Generally, water quality trading involves a point source facing relatively high pollutant reduction costs compensating another party to achieve less costly pollutant reduction with the same or greater water quality benefit. In other words, water quality trading provides point sources with the flexibility to acquire pollutant reductions from other sources in the watershed to offset their point source load so that they will comply with their own permit requirements. In Wisconsin, stringent phosphorus and TSS limits drive interest in WQT. Given the options for controlling these pollutants on the landscape, the majority of all trades involve nonpoint source pollutant reductions.

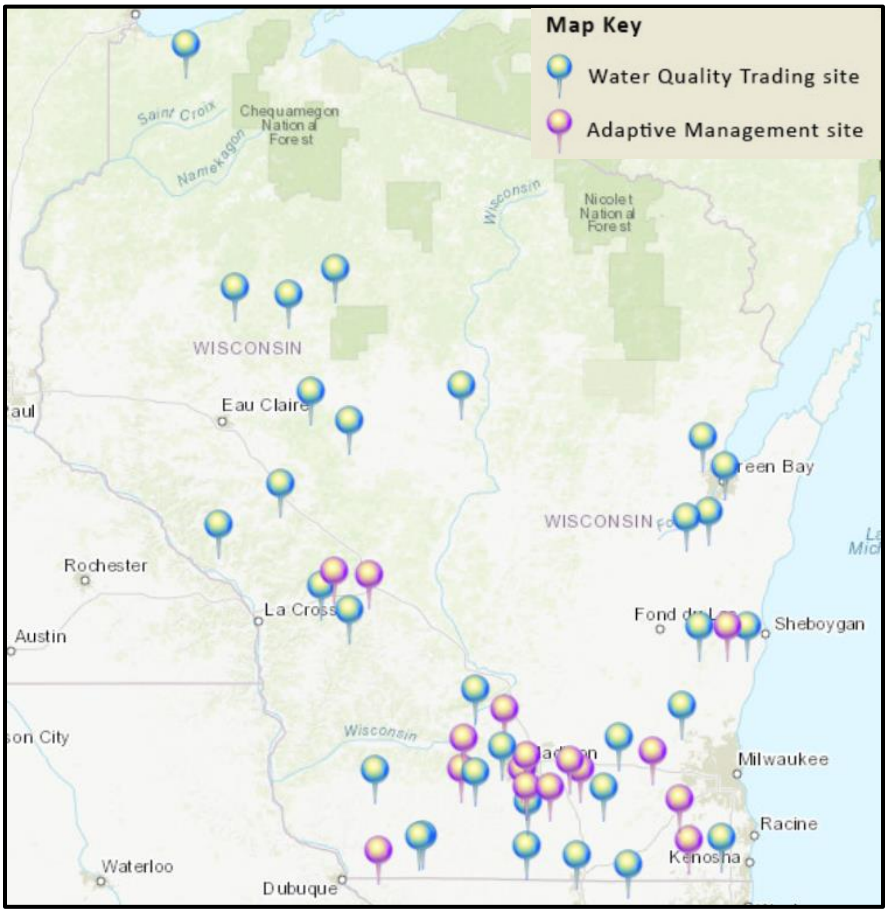


Figure 34. Adaptive Management and Water Quality Trading project locations (2019).

Statewide, WPDES permittees and their consultants are gaining experience in establishing relationships with credit generators, quantifying nonpoint source pollution offsets, and executing projects in tandem with permit deadlines. At the conclusion of 2019, over 50 permittees formally indicated that WQT will be used to comply with phosphorus limits. Of these, 26 permittees have submitted an approvable water quality trading plan to DNR. During the 2018-19 biennium, 20 water quality trade plans were approved. These plans, with associated agreements and permit conditions, ensure that 17,134 pounds/year of nonpoint source phosphorus pollutant loading is curtailed. Pollutant reductions are subject to a trade ratio based on factors such as modeling certainty and project location. After trade ratios, WPDES permittees will receive 9,074 pounds/year of total phosphorus credits that may be used to demonstrate compliance with WQBELs.

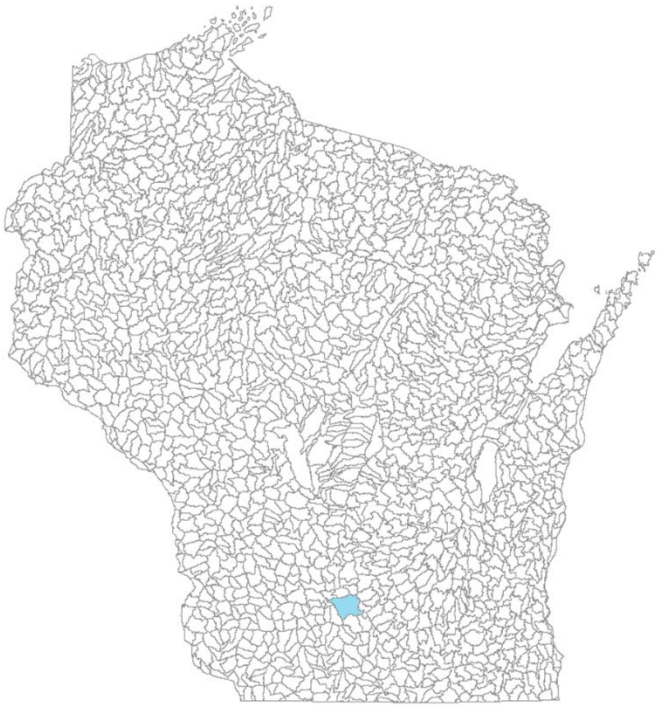
Projects designed to reduce nonpoint source pollution for WQT purposes provide several ancillary benefits. The most commonly employed WQT practice, conversation of fields from high-intensity agriculture to perennial prairie vegetation, may also provide atmospheric carbon sequestration, habitat for insects and wildlife, and improve hydrology. Pollutants other than the traded pollutant, such as nitrogen and chloride, may also be kept from entering waterways. Projects occurring in years 2018-19 restored a total of 392.7 acres of perennial vegetation and resulted in adoption of lower-impact agricultural practices (e.g. cover crops, no-till, or nutrient management) on 1,377 acres of farmland. In-stream habitat benefits also stem from WQT practices, particularly those that reduce sediment loading to waterways. Streambank restoration projects occurring in 2018-19 stabilized 5.6 miles of eroding streambank. A number of projects employed in-stream habitat restoration to further mitigate the effects of excess sediment in the system.

The provisions of all water quality trades are incorporated into the discharger's WPDES permit, with a monthly accounting process for the use of pollutant credits. All nonpoint source best management practices are inspected regularly and conform to a NRCS or DNR performance standard. Many wastewater dischargers throughout Wisconsin look to WQT for long-term compliance solutions, while nonpoint source pollution control efforts leverage new partners and funding to address runoff issues.

Dane-Iowa Wastewater Treatment Plant (WWTP) Adaptive Management Plan

The Dane-Iowa WWTP adaptive management plan is the only plan currently approved as a TMDL-alternative because it models the phosphorus loading in the watershed, identifies point and non-point sources, outlines management practices and their potential load reduction, identifies partners, and demonstrates financial support.

Vermont Creek, a stream covered by the Dane-Iowa AMP, being sampled for fish.



Location of Dane-Iowa Adaptive Management Plan. (HUC-12s)

The Great Lakes

The Great Lakes team is responsible for implementing the Areas of Concern, Lakewide Action and Management Plans, and Beach programs. For a full review of the responsibilities and objectives for the Great Lakes see our Wisconsin's Great Lakes Strategy (PDF, 1.46 MB).

Lakewide Action and Management Plans (LAMPs)

The development of Lakewide Action and Management Plans (LAMPs) is required under Annex 2 of the Great Lakes Water Quality Agreement Protocol of 2012, which is a commitment between the United States and Canada to restore and protect the waters of the Great Lakes. The LAMP provides the framework for prioritizing issues, defining lakewide objectives, and identifying actions for each of the five Great Lakes. The LAMP is comprehensive and Wisconsin's Great Lakes restoration and protection projects contribute to meeting LAMP goals for Lake Michigan and Lake Superior.

Wisconsin has made significant progress on LAMP goals thanks in part to resources available through GLRI. Through GLRI Focus Area 4 grant opportunities from EPA, the State of Wisconsin along with partners has secured over $5 million in grant funds since 2016 which is being used to protect or restore over 11,000 acres of coastal wetland and other critical habitat.

Lake Superior Management

Wisconsin is included in a partnership with the U.S. and Canada to share responsibility for Lake Superior management. The LAMP lays out a five-year binational strategy for taking action to restore and protect the Lake Superior ecosystem. This plan supports the development and implementation of lake-specific strategies and initiatives including biodiversity, cooperative science and monitoring, and nutrient management strategies. For more information, also refer to the Lake Superior LAMP Annual Reports, which highlight accomplishments and progress in achieving LAMP goals during the past year.

Breakwater lighthouse on Lake Superior at Ashland. Photo by Brian Taylor.

Lake Michigan Management

The Lake Michigan LAMP is currently being developed and will be released in 2020. Other current activities include assessing the state of the lake, measuring progress, and promoting action to address identified problems. For more details, see the Lake Michigan LAMP Annual Reports. They highlight accomplishments and progress in achieving LAMP goals during the past year and identify LAMP-related activities including outreach, monitoring, and protection and restoration actions.

Areas of Concern

Forty-three Areas of Concern (AOCs) were designated by the U.S. and Canada under the Great Lakes Water Quality Agreement in 1987. They are areas requiring special attention for cleanup and restoration due to contamination of sediments by toxic pollutants from past industrial practices or other pollution sources. Wisconsin has five AOCs: St. Louis River (shared with Minnesota), Lower Menominee River (shared with Michigan), Lower Green Bay and Fox River, Sheboygan River, and Milwaukee Estuary.

Notable accomplishments for the Great Lakes Areas of Concern in this reporting period include the following:

- All six Beneficial Use Impairments have been removed for the Lower Menominee River Area of Concern. The *Beach Closings (Restrictions on Recreational Contact)* BUI was removed in 2011. The *Restrictions on Dredging Activities* and *Degradation of Benthos* BUIs were removed in 2017. The *Restrictions on Fish and Wildlife Consumption* BUI was removed in 2018, followed by the removals in 2019 of the L*oss of Fish and Wildlife Habitat* and *Degraded Fish and Wildlife Populations* BUIs. Wisconsin and Michigan initiated the delisting process in 2019 with delisting expected to occur in 2020.

Lower Menominee River flowing into Lake Michigan. Photo by Brian Holbrook, Bird's Eye Aviation.

- Dredging in the Lower Green Bay and Fox River AOC will continue until June 2020. For the 2018-2019 biennium, approximately 1,027,000 cubic yards of PCB contaminated sediment was removed from the Lower Fox River, and 120 acres of contaminated river bottom was capped.

- In an important step for cleaning up contaminated sediments in the Milwaukee Estuary AOC, representatives from the Wisconsin DNR and the U.S. Environmental Protection Agency signed a Great Lakes Legacy Act Project Agreement on Jan. 6, 2020 to work cooperatively with the city of Milwaukee, Milwaukee County, Milwaukee Metropolitan Sewerage District and We Energies. The agreement provides funding and includes streamlined approaches for feasibility studies, pre-design investigations, design of a Dredged Material Management Facility and removal of contaminated sediment. Although project agreements are a regular part of the contaminated sediment cleanup process, no other Great Lakes project agreement has included this number of partners from different sectors to address such a large geographic area.

- For the St. Louis River AOC, the Howards Bay Feasibility study and 95% remedial design was completed in 2018 in partnership with EPA, USACE, City of Superior and Fraser Shipyards, and a Project Agreement signed by these parties. The Pickle Pond restoration project is moving ahead. Final edits and comments

regarding the Draft Remedial Design and Habitat Design Work Plan have been completed and property access agreements are currently being negotiated.

- One BUI removal for the St. Louis River AOC was completed in 2019: *Fish Tumors or Other Deformities*.

Beach Program

The Beach Program oversees beach monitoring, manages Beaches Environmental Assessment and Coastal Health (BEACH) Act funds from the EPA, and collaborates with coastal communities to carry out beach monitoring and restoration projects. Beaches are a vital resource for Wisconsin tourism and bring economic vitality to the communities in which they are located. The Beach program works to ensure continued safe use of public beaches while contending with issues including aging sewerage infrastructures, agricultural impacts, fluctuating water levels, and increasingly limited budgets.

Family Beach Vacation. **Photo by Jamie Brill Oostburg.**

Highlights of recent Beach Program activities include:

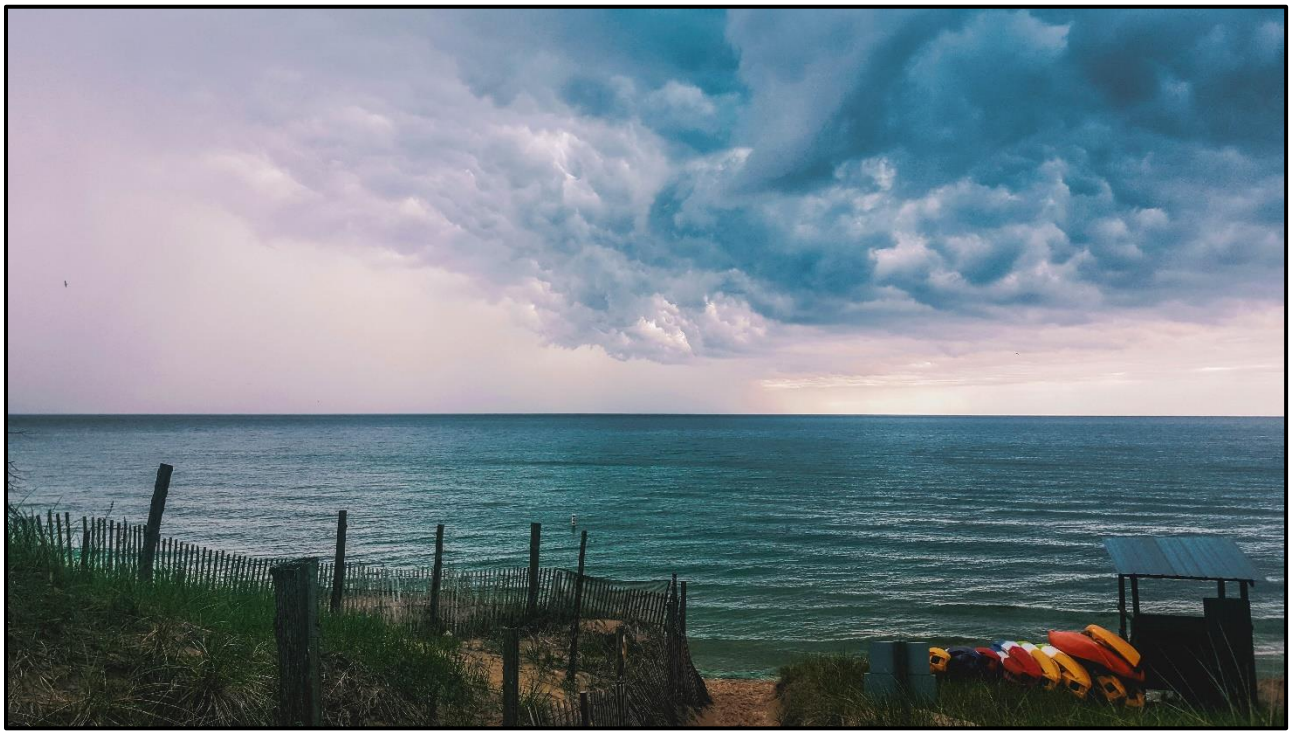
- Funded monitoring at 105 coastal beaches and added Brown County into the beach program.
- Worked with the AOC program to complete Barkers Island beach restoration in Superior and post-project implementation monitoring.
- Continued phase two of mobile application development for collecting sanitary survey data, securing funding to automate data transfer into the Beach Health database and website.
- Worked with DNR Parks staff at Point Beach State Park on design and implementation of a project to install rain gutters on a historic building, manage stormwater, and create interpretive signage.
- 2018 annual beach report has been submitted to EPA and is anticipated to be released by March 2020.
- The 2019 beach season data is under review and report is in development.

Monitoring

Data is needed to inform decision making for Great Lakes policy development and program implementation. The Office of Great Waters works closely with many other agency programs in areas of special concern to the Great Lakes including aquatic invasive species, fisheries management, and nutrient loading. OGW helps to oversee projects in support of Great Lakes management.

Highlights of Great Lakes Monitoring accomplishments for this reporting period include:

- Monitored approximately 55 miles of Lake Superior nearshore biweekly to describe water quality conditions and investigate drivers of harmful algal blooms on the Lake
- Monitored Howard's pocket coastal wetland in 2019 in the St. Louis River estuary for evaluation of potential fish habitat project.
- Monitored St. Louis River estuary deep holes in 2018.
- Conducted sediment toxicity and macroinvertebrate monitoring in 2018 at targeted locations it the St. Louis River estuary to inform sediment characterization efforts.
- Collected data for the Lake Superior Tributary Phosphorus Monitoring effort, an on-going effort that continued through the reporting period. WDNR, USGS, and the Bad River Tribe collected data that is used for this effort.
- Coordinated and conducted aquatic invasive species early detection monitoring following statewide protocols on 30 lakes, 30 streams, and 10 pathways throughout the Lake Michigan basin.
- Coordinated and conducted aquatic invasive species early detection monitoring following statewide protocols on 7 lakes, 7 streams, and 5 pathways in the Lake Superior basin.
- Conducted eDNA zebra mussel and Asian clam monitoring in 30 lakes statewide, with approximately 10 being in the Great Lakes Basins
- Conducted response monitoring for *Egeria densa* on the Milwaukee River, water hyacinth on the East River in Green Bay, starry stonewort on Little Cedar lake, round gobies on the Fox River, and faucet snails on Elton Creek.
- Assessed impairments in the Lake Michigan Areas of Concern by evaluating ambient water and sediment toxicity, collecting fish and wildlife consumption advisory data, assessing fish and wildlife populations and habitat conditions, and collecting data on plankton and benthic communities.



Calm Before the Storm. **Whitefish Dunes State Park, Door County. Photo by Quinn Hofacker.**

The Mississippi River

Clean water is the lifeblood of communities situated along and near the Mississippi River. There is wide agreement that investment in the preservation and improvement of water quality results in wide ranging societal and economic benefits. Diminished water quality can have far-reaching effects on the economy and quality of life, impacting tourism, property values, commercial fishing, recreational businesses and reducing regional ability to attract new businesses and a skilled workforce. A profile of counties adjoining the Mississippi River within the states of Minnesota, Wisconsin, Iowa, Illinois, and Missouri revealed that:

- Economic sectors in the Mississippi corridor generate more than $345 billion annually, supporting over 1 million jobs;
- Tourism draws millions of people annually – with annual expenditures over $20.6 billion that support 358,000 jobs;
- Outdoor recreation in the river corridor generates revenue of $4 billion annually; and
- Commercial harvest, including fish and furbearers, generates $21.7 million annually.

Fishing on the Mississippi River; proud catch. Photo by Shawn Giblin, WDNR.

Upper Mississippi River Basin Association (UMRBA) Water Quality Task Force Activities

The UMRBA Water Quality Task Force (WQTF) provides a forum for water resource management program coordination and consultation among the five state water quality management agencies (IA, IL, MN, MO and WI) and EPA Regions 5 and 7. The focus of the WQTF's activity during the past two years has been reporting the results of the Clean Water Act Pilot (referred to as the CWA Pilot hereafter) monitoring project in conjunction with Minnesota. Metropolitan Council Environmental Services, Minnesota Department of Natural Resources, Minnesota Pollution Control Agency, Wisconsin Department of Natural Resources and the Upper Mississippi River Basin Association collaborated to produce a comprehensive water quality evaluation of the Mississippi River from Upper Saint Anthony Falls (Minneapolis, MN) to the Root River confluence south of La Crosse, WI (River Miles 854-693.7). Sampling spanned from May 2016 to April 2017 following two years of methods development and planning. This monitoring initiative included intensive sampling of water quality, aquatic macroinvertebrates, fisheries and aquatic vegetation utilizing both fixed-site and probabilistic sampling networks. This successful interagency effort resulted in a comprehensive evaluation of recreation, aquatic life and fish consumption metrics for the 160 miles of river assessed.

Three summary reports were produced as a result of the CWA Pilot. The Water Quality Condition Assessment Report summarized condition classes for recreation, aquatic life and fish consumption that can be used by both states for evaluation of the Mississippi River. This report was not intended as a replacement for CWA 303(d)/305(b) assessments. However, states can choose to integrate the results discussed here into their CWA assessment process. The Pilot Project Evaluation Report assessed the successes and challenges of the effort. This document summarized

sampling implementation, tools developed to execute sampling, aspects of quality control, data flow and management, project staffing and estimated costs of the effort. The Clean Water Act Pilot Water Quality Summary focused solely on analysis of the full breadth water quality data collected.

The CWA Pilot demonstrated a high level of interagency cooperation and developed new and innovative methods to assess the Upper Mississippi River. These methods and documents will provide guidance for evaluating attainment of the four major CWA designated uses for the UMR including: aquatic life, drinking water, human health (fish consumption) and recreation.

Water Quality Condition Assessment Report

The CWA Pilot was implemented in four assessment reaches extending 160 miles between Minneapolis, MN and La Crosse, WI (Table *10* and Figure *35*). The objective of the condition assessment was to test the mechanics of the methodology as well as its ability to generate understandable and valid results within the spatial and temporal limits of the project. The CWA Pilot was not intended as a replacement for CWA 303(d)/305(b) assessments, but rather as a test of CWA Pilot methods and assessment procedures developed by the UMRBA-WQTF.

Fishing on the Mississippi River; a catfish caught in Pool 6. Photo from Shawn Giblin, WDNR.

Recreation use condition for the Mississippi River was monitored to assess the relative water quality condition for primary contact recreation use (e.g., swimming). This assessment was based on the results of monitoring for two indicators, bacteria (E. coli) as an indicator of potential presence of pathogens and chlorophyll-a as an indicator of algal abundance. Based on criteria established by the UMRBA-WQTF, a rating of good was given for all four sampling reaches (Table *11*). It is important to note that sampling occurred during a period of very high discharge (~90th percentile) and this very likely reduced chlorophyll-a concentration.

Aquatic life use condition refers to the ability of a sampling reach to support native fish and other aquatic life. The aquatic life condition status for each of the four sampling reaches was described using three assessments: dual assemblage (fish and invertebrates), submerged aquatic vegetation

(SAV), and total suspended solids (TSS; Table *11*). The condition summary integrates the health of fish and macroinvertebrate communities at each sampling station into a dual assemblage evaluation as the primary aquatic life assessment. SAV community scores and TSS concentrations were used as supplementary indicators. The dual assemblage required ≥ 75% of river miles to meet pre-established bicriterion benchmarks for both fish and invertebrates to receive a rating of good. Applying this criterion, all four sampling reaches were rated as good based on criteria recommended by the WQTF. SAV was assessed as a supplementary indicator of aquatic life use condition. The assessment of SAV was based on previously published research that developed a submersed macrophyte index prescribing a threshold for acceptable submersed vegetation characteristics for a sampling reach. This assessment rated Reach 0 as poor and Reaches 1-3 as good. Total suspended solids data were also used to assess aquatic life use based on published research describing linkages between native fish community and submersed vegetation with total suspended solids. Based on criteria recommended by the WQTF, Reach 0 was rated poor, Reaches 1 and 3 were rated fair and Reach 2 was rated good. It is important to note that TSS was likely elevated during the assessment period due to high discharge. The overall rating encompassing all three aquatic life assessments was fair for Reach 0 and good for Reaches 1-3.

Fish consumption condition, via fish tissue sampling, was originally planned as part of the CWA Pilot, but was dropped due to budgetary constraints. The fish consumption condition class was based on the most restrictive fish consumption advisory for each reach. This assessment approach resulted in all four reaches being assessed as fair.

Table 10. Reach number, reach description, river miles encompassing each reach and reach segment length (in miles) for the CWA Pilot. The Assessment Unit (AU) ID associated with each reach is also shown; this ID is used for water quality assessment purposes. Reach 0 is outside of Wisconsin's borders and so does not have an AU ID. The Waterbody Identification Code (WBIC) for the Mississippi River is 721000.

Reach Number	Reach Name (Description/8-digit HUC code)	River Miles	Segment Length (miles)	Assessment Unit ID
0	**Assessment Reach 0** (Upper St. Anthony Falls to St. Croix River)	**854.0 - 811.5**	**42.5**	**NA**
1	**Assessment Reach 1 (Rush-Vermillion)** (St. Croix River to Chippewa River/ HUC 07040001)	**811.5 - 763.4**	**48.1**	**892119**
2	**Assessment Reach 2 (Buffalo-Whitewater)** (Chippewa River to Lock and Dam 6/ HUC 07040003)	**763.4 - 714.2**	**49.2**	**892047**
3	**Assessment Reach 3 (La Crosse-Pine)** (Lock and Dam 6 to Root River/HUC 07040006)	**714.2 - 693.7**	**20.5**	**892011**

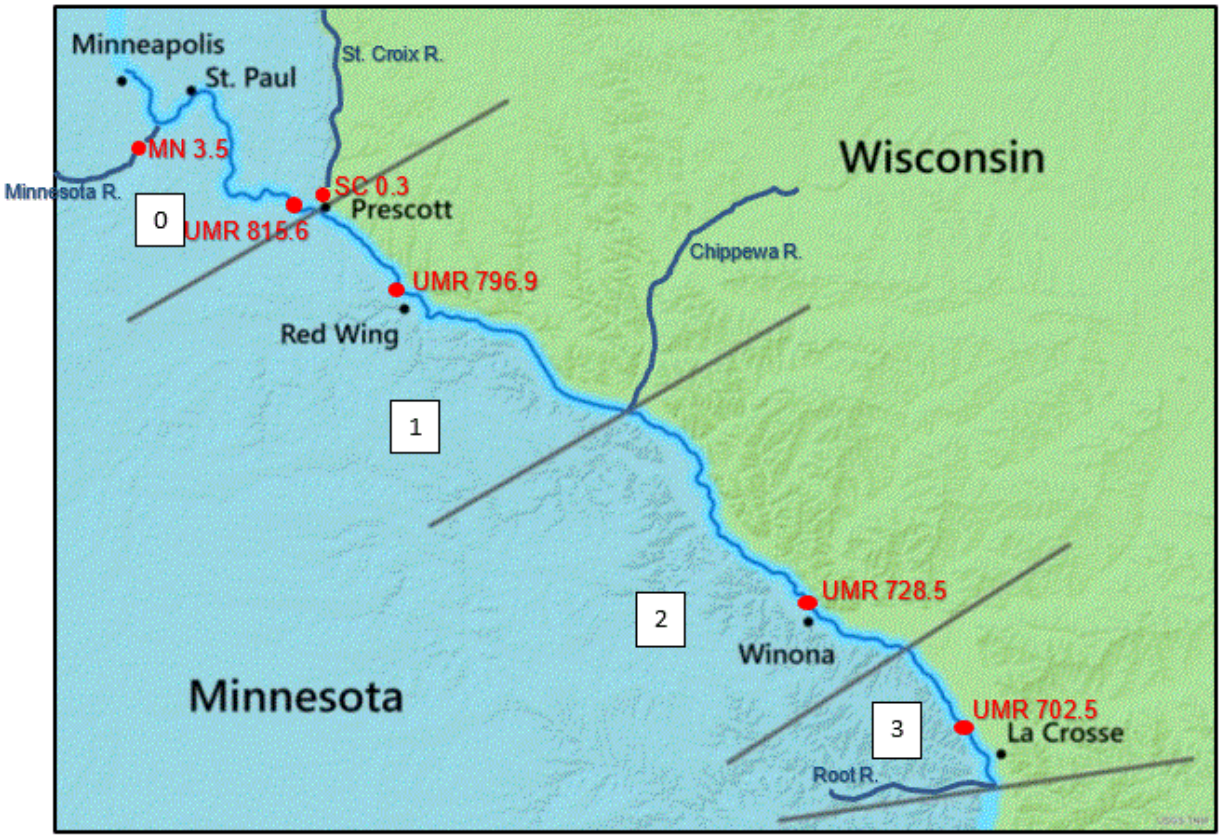


Figure 35. Location of fixed site water quality sampling locations for the CWA Pilot are denoted in red. Geographic extent of each of the four reaches for the probabilistic sampling portion of the CWA Pilot are indicated by sampling reach (0-3).

Table 11. Summarized condition class across designated uses assessed.

Reach	Recreation	Aquatic Life				Fish Consumption
	E. coli & Chlorophyll-a	Dual Assemblage (Fish & Macroinverts)	Vegetation	TSS	*Overall Aquatic Life*	Advisory-Based
0	Good	Good	Poor	Poor	Fair	Fair
1	Good	Good	Good	Fair	Good	Fair
2	Good	Good	Good	Good	Good	Fair
3	Good	Good	Good	Fair	Good	Fair

Clean Water Act Pilot Water Quality Summary: How's the River Doing?

This report explored water quality data collected as part of the CWA Pilot to characterize the status of water quality in the Mississippi River. These data help to establish baseline differences among sites as well as longitudinal trends along the 160-mile study reach. The findings of this report will assist Wisconsin to more effectively target water quality improvement actions in more strategic locations on the landscape to improve river health.

Water quality sampling was divided into fixed and probabilistic sites. One fixed site was located in each of the four Mississippi River sampling reaches (0-3; Figure *35*). Fixed sites were also sampled in the Minnesota and St. Croix Rivers. These six fixed sites were sampled monthly from May 2016 to April 2017 (n=12; Figure *36*). Probabilistic sites were sampled at fifteen sites per reach in each of the four UMR reaches. Each reach was sampled monthly on three occasions from July to September 2016 (Figure *37*). Twenty-nine water quality parameters were examined in all, making this effort one of the most robust water quality examinations of the Mississippi River conducted to date. The report describes the current status of water quality conditions within the Mississippi River and provides a useful roadmap for the next steps to take to improve water quality within this nationally significant river.

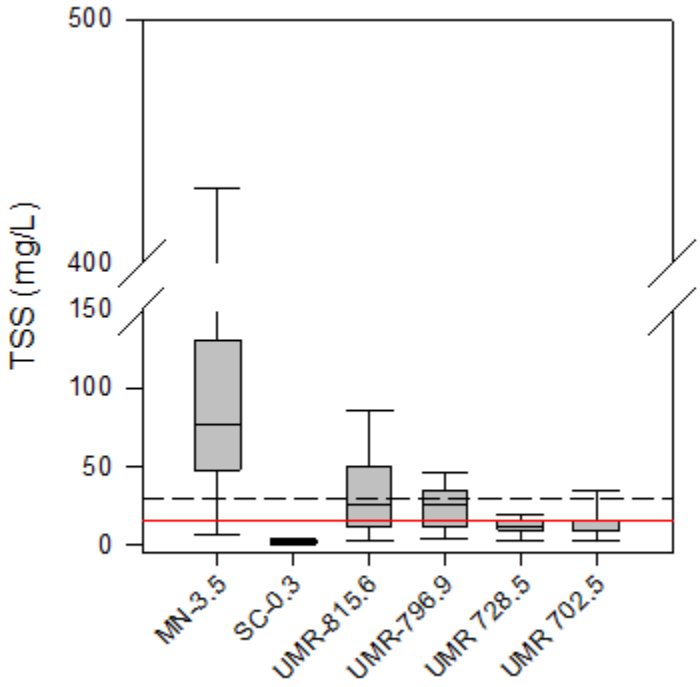


Figure 36. Total suspended solids (in mg/L) for fixed sites over the twelve-month sampling period (n=12). The boxplots represent the 10th, 25th, 50th 75th and 90th percentiles. The solid red line indicates the TSS threshold delineating a shift from a native to non-native dominated (mean >16 mg/L) fish community (Giblin 2017). The dashed line indicates the threshold (mean <30 mg/L) required to sustain submersed aquatic vegetation in the Mississippi River (UMRCC 2003).

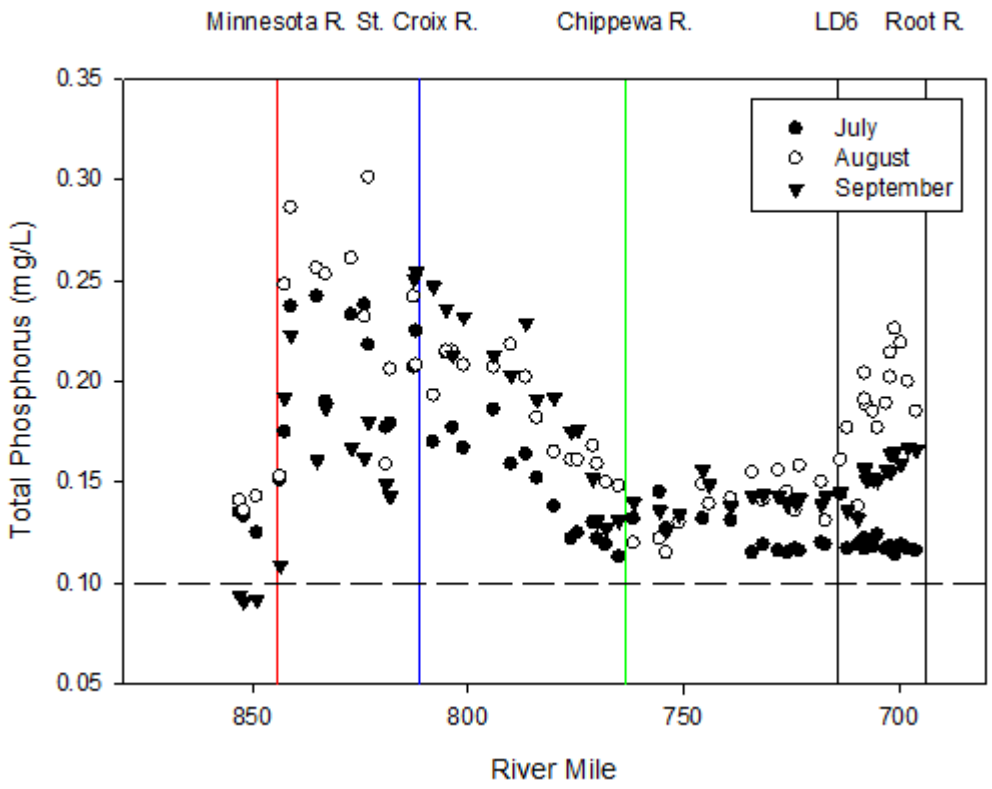
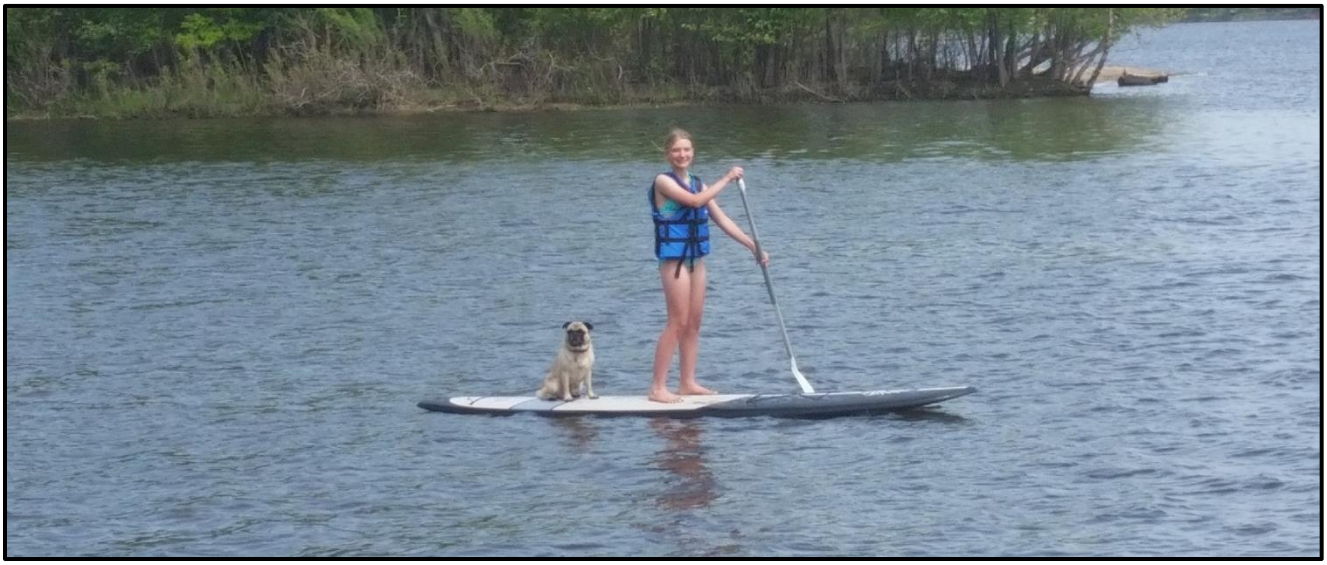


Figure 37. Total phosphorus, by river mile, for each of the three probabilistic sampling episodes (July-September). The vertical lines indicate where a major tributary river enters the UMR. The dashed line denotes the total phosphorus, non-wadeable river criterion (< 0.1 mg/L total phosphorus) for Wisconsin.

Comparison of CWA Pilot data to data from 35 years prior provides valuable insight into UMR water quality trends over time. Although challenges remain, and stressors continue to change over time, many of these results (especially metals data) provide an encouraging account of the quantifiable water quality improvements that have occurred since the establishment of the Clean Water Act (Figure *38*). Future challenges will need to focus on contaminants currently not regulated under the Clean Water Act (e.g. non-point sources- sediment, nutrients and chloride). Special attention should also be paid to contaminants, of largely nonpoint origin, not regulated under the Clean Water Act that have increased in recent decades (chloride and nitrogen).



Paddle boarding on the Mississippi River. Photo from Shawn Giblin.

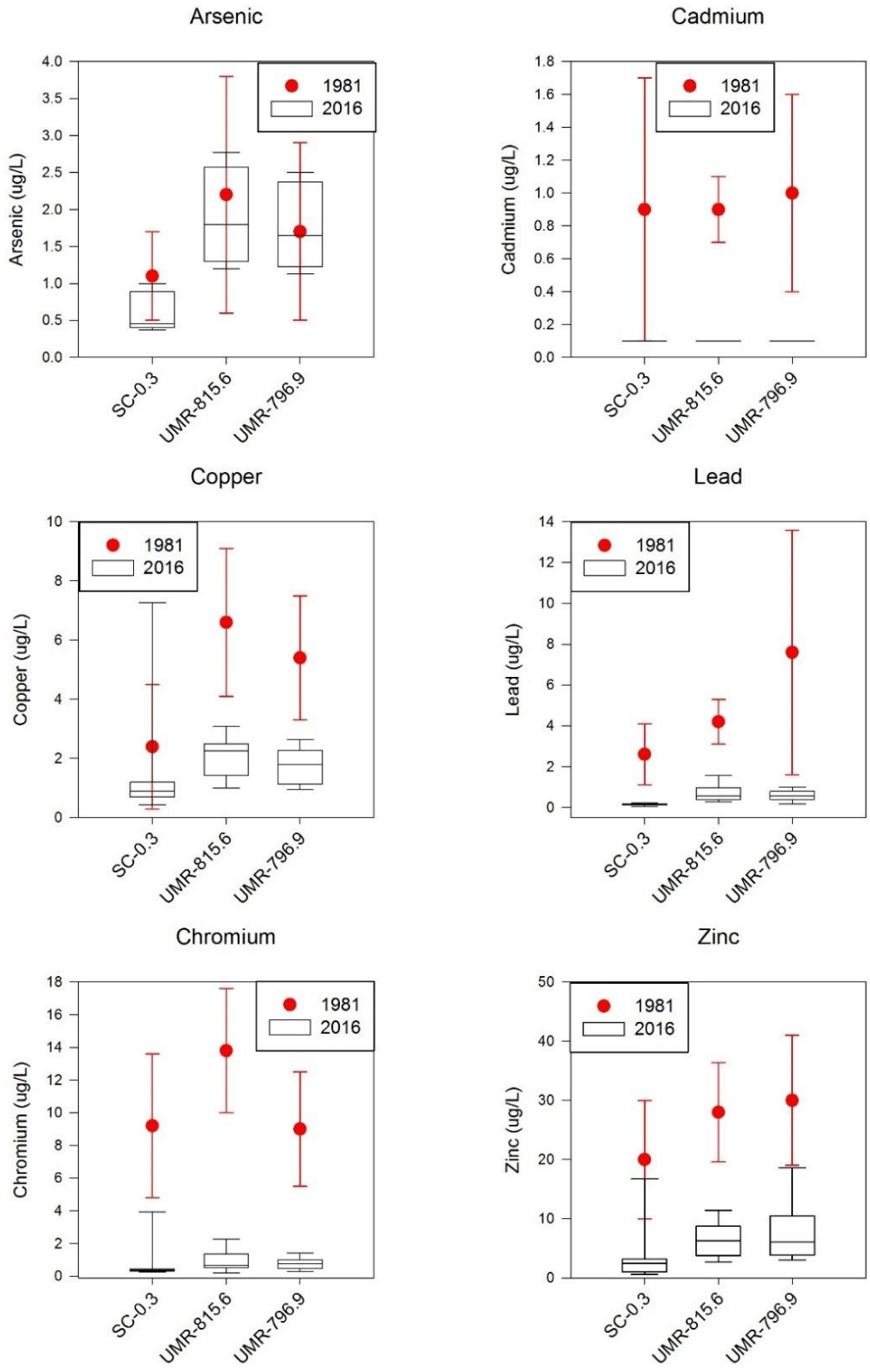


Figure 38. Comparison of CWA Pilot and historical data. The boxplots depict the CWA fixed site data from 2016-2017 (n=12 for each site). Box and whiskers illustrate the 10th, 25th, 50th 75th and 90th percentiles. The red dots and error bars (mean ± one standard deviation) represent the data collected in 1981 (bimonthly; n=6).

Using applied water science to improve angling quality on the Mississippi River: two success stories

Pettibone Lagoon is a 21-acre backwater located across the Mississippi River main channel from downtown La Crosse and is a popular shore angling and aquatic recreation destination. Over two-thirds of the fishery is bluegill and largemouth bass, while black crappie and yellow perch make up less than 5 percent. Since the 1970's, aerators have been run periodically to maintain dissolved oxygen and prevent fish kills, especially during the winter months. The aerators were marginally effective, and the lagoon still had near-annual winter kills. In 2010, the City of La Crosse decided to remove the aerators and install a pumping system to carefully meter high-oxygen main channel water into the lagoon during winter as part of an airport improvement project. Since this system was installed nine years ago, tangible improvements in water quality and angler success have been observed.

In 2015, WI DNR asked the city to experimentally operate this system during summer. During the experimental period, WI DNR conducted studies to determine the optimal amount of main channel water to meter into Pettibone Lagoon during the winter and summer months to improve dissolved oxygen within Pettibone Lagoon. Since the studies, the City of La Crosse has operated the pumps in accordance with the WI DNR prescribed summer and winter settings. WI DNR monitored summer fish usage since the management change and found significantly increasing numbers of game fish. Combined bluegill and largemouth bass numbers have increased nearly 90 percent since pumps were operated in summer (Figure *39*). In addition, the abundance of bluegill greater than 8 inches has increased 10-fold. Abundance of largemouth bass over 14 inches has increased nearly 2-fold. This project has created a high quality, urban fishing opportunity that can be easily utilized by the public, especially children and the elderly.

This project would not have been possible without the efforts and support of the La Crosse Regional Airport, the La Crosse Parks & Recreation Department, Wisconsin Department of Transportation and the WDNR. This project produced meaningful changes in a highly used urban fishery through a strong inter-governmental partnership.

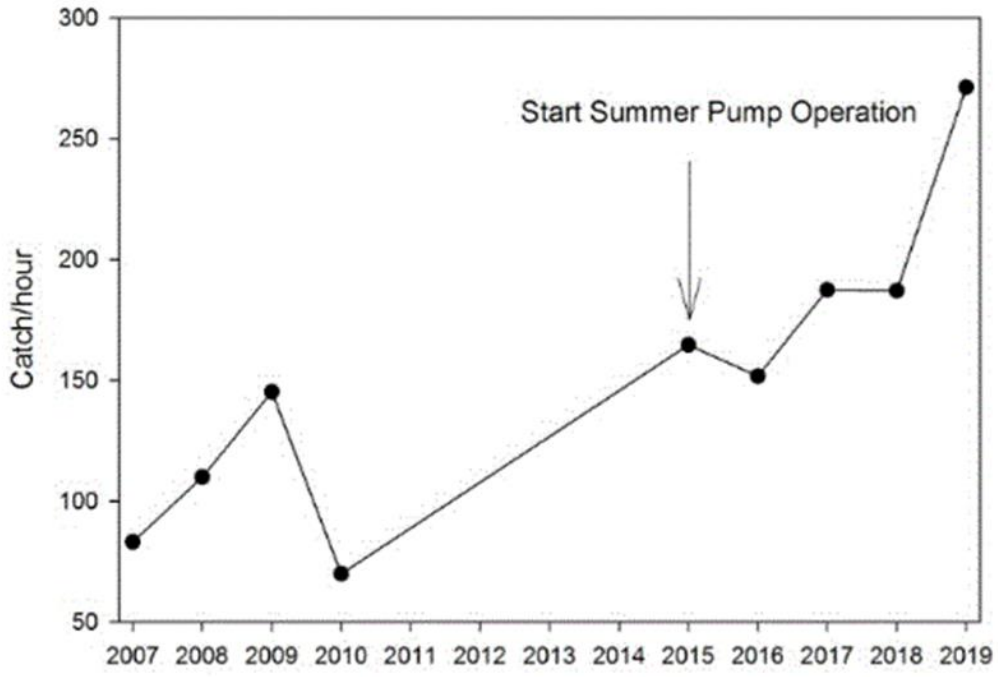


Figure 39. Summer catch/hour (bluegill and largemouth bass combined) before and after summer pump operation within Pettibone Lagoon.

Long Lake Connectivity Modification Project: An Adaptive Management Success Story

Long Lake is a 15-acre, Mississippi River backwater located within the Trempealeau Lakes complex in Trempealeau County (Figure *40*). The lack of lacustrine habitat within Trempealeau County results in Long Lake receiving heavy recreational use during multiple seasons. A habitat enhancement project was completed in 2002 to alleviate winter dissolved oxygen problems. The project was intended to meter high-oxygen main channel water into the complex to improve winter water quality for backwater fish. The balance between temperature and dissolved oxygen is a delicate balance during the winter months. Too little water exchange results in low oxygen conditions, while too much water exchange results in water that is too cold (<1° C) for backwater fish. Striking the correct balance between temperature and dissolved oxygen requires precise estimates of water exchange (residence time).

Figure 40. Location of the Long Lake connectivity project.

The Wisconsin Department of Natural Resources conducted a comprehensive evaluation of water quality within the Trempealeau Lakes from July 2016 to February 2017. This study represented the most comprehensive analysis of water quality conditions within the Trempealeau Lakes to date and represents an important baseline assessment of conditions within this important backwater complex. The objectives of the study were to: 1. Perform a baseline assessment of water quality conditions within the Trempealeau Lakes during summer and winter conditions; 2. Identify areas of summer and winter water quality impairment within the Trempealeau Lakes; 3. Characterize post-project summer and winter water quality conditions within the Long Lake Habitat Rehabilitation and Enhancement Project (HREP); and 4. Provide management recommendations regarding water management at the Long Lake water control structure and general recommendations to improve water quality for biota within the Trempealeau Lakes.

The major findings of the summer and winter water quality study revealed a wide range of conditions, with clear opportunities for management action to improve water quality and fishery quality within the Trempealeau Lakes complex. Several long-range management suggestions were presented. However, the most immediate management action proposed was to address the "overconnected" conditions within Long Lake. The management settings at the Long Lake water control structure were resulting in an overabundance of cold, main channel water in this backwater-resulting in unsuitable conditions to support an overwintering fishery. Mean discharge into Long Lake over the winter evaluation period was 9.65 CFS (water residence time- 2.56 days). A slotted stoplog design was implemented to deliver an optimal flow rate of 2 CFS (12 days residence time) to create ideal winter water quality for backwater fishes.

The post-project evaluation indicated that conditions within Long Lake changed from conditions more indicative of side channel characteristics (very cold water and lack of thermal stratification) to high-quality winter conditions post-project (Figure *41*). The management change achieved objectives of increasing water temperatures while still maintaining adequate dissolved oxygen. Analysis of sites with suitable temperature and oxygen (>1° C and >5 mg/L DO) indicated that 0% of sites were meeting this requirement pre-project, while 43% of sites met this threshold post-project.

A tangible increase in angler use and angler success at Long Lake during the winter angling season was observed following management change. New summer settings were also implemented to improve summer water quality. The project provides an important blueprint of how monitoring data can be utilized to produce improved management outcomes at low cost.

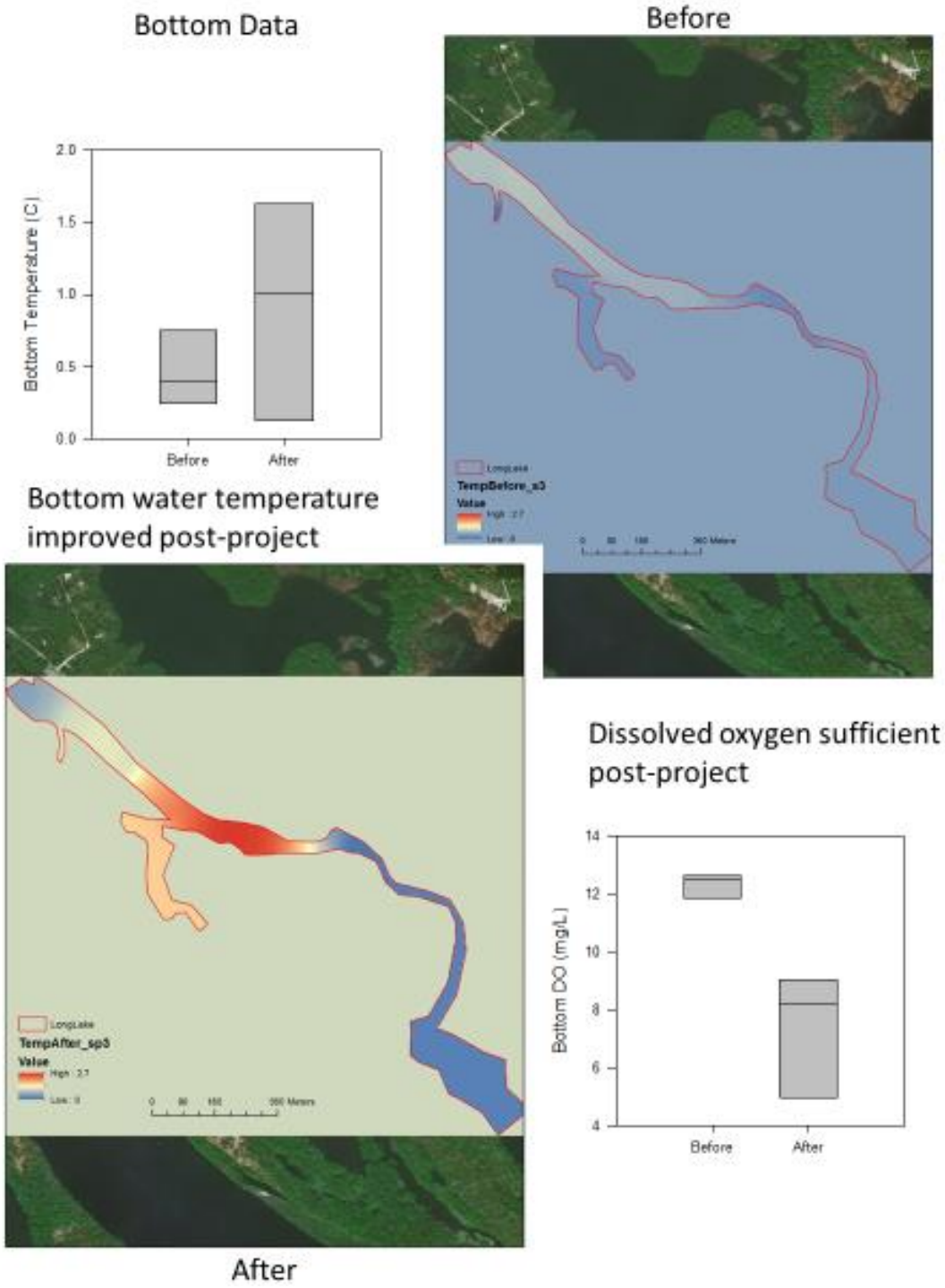


Figure 41. Water temperature and dissolved oxygen before and after connectivity modifications at the Long Lake water control structure. The before and after maps indicate water temperature at bottom (0.2 m off bottom). Dark blue areas represent cold (0° C) winter water temperature. Red areas represent warm (2.7° C) winter water temperature.

The Long Term Resource Monitoring Program (LTRMP) was authorized by Congress in 1986 as part of the U.S. Corps of Engineers' Upper Mississippi River (UMR) System Environmental Management Program, which is now known as the Upper Mississippi River Restoration (UMRR) program. This program is implemented by USGS with assistance and field support by the five UMR States (MN, IA, WI, IL and MO). It has been in place since 1988 and provides information on water quality, vegetation, fisheries, land-cover/land-use and other resource information used to assess the trends and ecological health of the UMR. The program utilizes a stratified random sampling approach carried out within trend pools of the UMR. WI DNR's LTRM field station at La Crosse, WI carries out this monitoring program on navigational Pool 8 of the Mississippi River.

Long Term Resource Monitoring- 2018 Status Report provides a comprehensive summary of discharge, water quality, fisheries and vegetation monitoring data collected by the WDNR LTRMP field station for the years 1993 to 2018.

This UMRR program provides a balanced combination of habitat restoration, monitoring and research. The habitat restoration activities of the UMRR have improved critical fish and wildlife habitat on 102,000 acres through 55 projects since 1986. These projects improve water quality and provide protection, nesting, and feeding areas for a highly diverse set of fish, birds, mussels, reptiles, amphibians and mammals, including many rare and endangered species.

UMRR is a national leader and pioneer in large-river restoration, emulating natural processes and restoring mosaics of wetlands, channels, and forests. UMRR's restoration techniques are tested and proven to address the most significant stressors to the ecosystem by:

- Protecting riverine wetlands and lakes from fluctuating water levels and high sedimentation.
- Recreating islands to provide refuge, food and improved water quality for many species of fish and wildlife.
- Restoring the natural mosaic of water velocities and depths to improve fish and wildlife habitat.
- Restoring forest health and diversity, resulting in habitat for a variety of wildlife.

Playing on the banks of the Mississippi River. Photo from Shawn Giblin, WDNR.

Water Quality Management Planning & Targeted Watershed Assessments

Wisconsin's water quality planning program continues the tradition of Clean Water Act plans from the early 1970s that identified priorities for federal funding under the State Revolving Grant Program. Today's Water Quality Plans (WQ Plans) are closely integrated with Targeted Watershed Assessment (TWA) monitoring projects. WQ Plans serve as the summarization of conditions within the project areas and incorporate analyses of monitoring results, stressor variables, water resource conditions, and management and monitoring recommendations. Condition decisions from comparing biological, physical, and chemical data compared to water quality assessment thresholds support CWA reporting summaries.

TWA Projects, WQ Plans and Resource Restoration

Targeted Watershed Assessment Projects are also tightly integrated with local and regional nine key element plans and river and lake grant programs. County conservation agencies and coalitions of local organizations and agencies work with the DNR to identify areas with impaired waters. Areas with runoff grants fund best management practices are a high priority for DNR monitoring of pre- and post- BMP installation to provide science-based "snapshots" of resource condition before and after restoration activities. WQ Plans conducted pre-implementation may recommend specific BMPS that would address conditions found on the landscape.

WQ Planning 2017 - 2018

In the fall of 2017, DNR Water Quality staff published 14 Water Quality Plans from TWA studies, which included surveys of fish, habitat, water chemistry, and aquatic macroinvertebrate species to identify detailed water conditions (Table **12**). DNR held a public comment period, finalized the plans, and requested and received certification of these amendments to the state's Areawide Water Quality Management Plan. These reports are posted on the DNRs website and integrated into online pages for basins, watersheds, waterbodies and published documents so that the public may access the material.

Table 12. List of Targeted Watershed Assessment Projects published in 2017.

Targeted Watershed Assessment (TWA) Projects	Watershed Code	Watershed Counties
Big, Douglas, & Rathbone Soper Creeks	BR03	Jackson, La Crosse, Monroe, Trempealeau
Big Green Lake	UF07	Fond du Lac, Green Lake, Winnebago
Fond du Lac River	UF03	Fond du Lac, Winnebago
Hillsboro Lake	LW24	Juneau, Monroe, Sauk, Vernon
Lower Little Wolf River	WR06	Waupaca
Lower Peshtigo River	GB07	Marinette, Oconto
Pine & Calvin Creek	MA01	Manitowoc, Sheboygan
East Fork Chippewa River	UC21	Ashland, Iron, Sawyer
Sauk Creek	SH01	Ozaukee, Sheboygan
Taylor Creek-Sugar River	SP11	Green, Rock
Wolf Creek	GB13	Marinette
Mineral Point Branch	SP09	Iowa, Lafayette
North Branch Beaver Creek	GB08	Marinette, Oconto
Oak Creek-Frontal Lake Michigan	SE05	Milwaukee

WQ Planning 2019 – 2020

In the subsequent year during the reporting period, Water Quality Biologists continued monitoring and planning staff updated the plan templates to modernize the look and to provide a more science-based focus for these HUC12 reports.

These efforts resulted in the preparation of prepared Clean Water Act Water Quality Plans & Reports from new watershed monitoring work. As with the 2017 studies, these new reports include surveys of fish, habitat, water chemistry, and aquatic macroinvertebrate species to identify detailed water conditions. These new reports are also more tightly linked to Section 319 funding program implementation with partners such as county conservation departments and local friends groups.

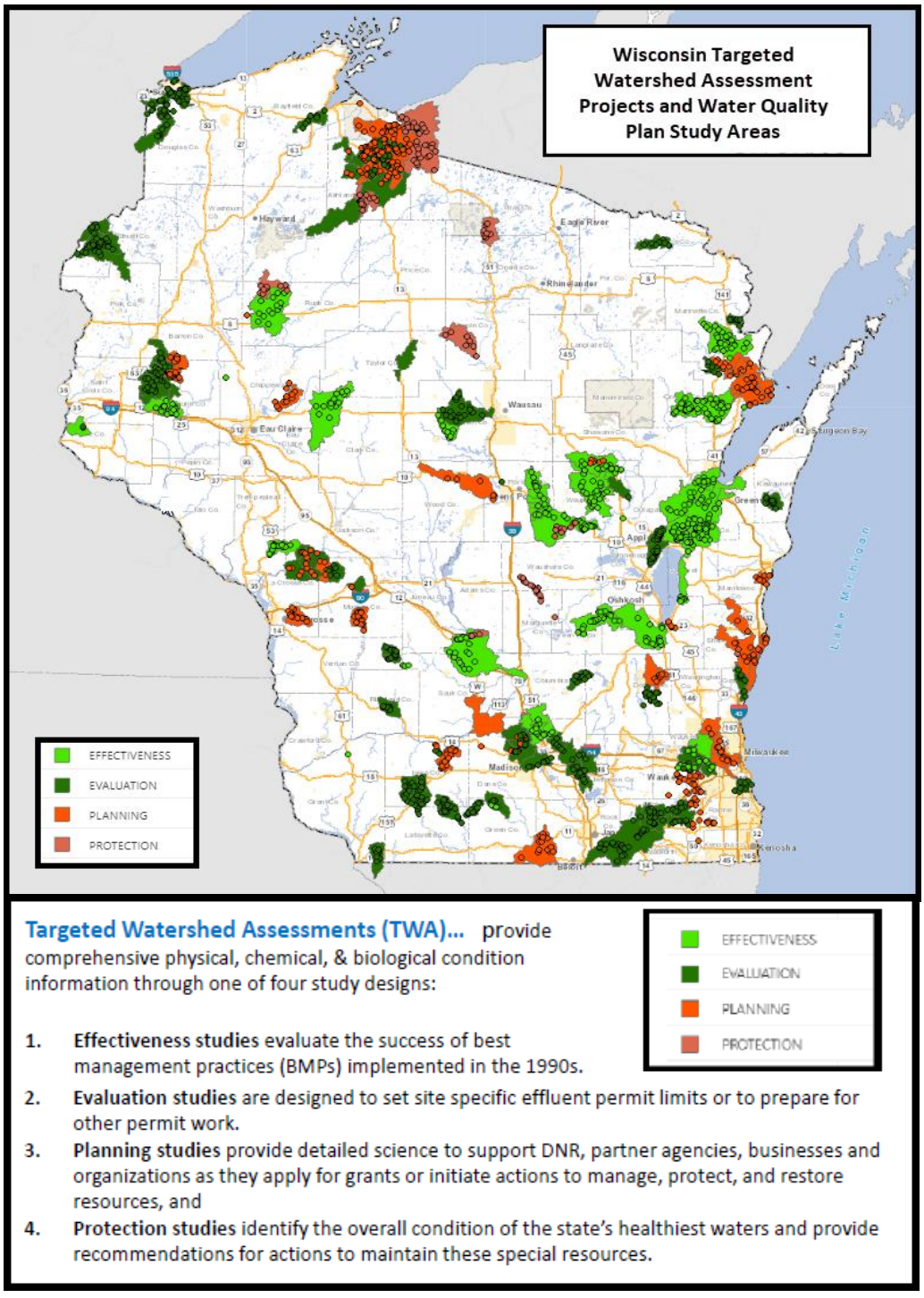


Figure 42. A map of the Targeted watershed studies in the state of Wisconsin, color coded by type of study (effectiveness, evaluation, planning and protection).

Emerging Contaminants and Water Quality Criteria

Per- and Polyfluoroalkyl Substances (PFAS)

Perfluoroalkyl and polyfluoroalkyl substances, better known as PFAS, comprise a large group of man-made chemicals that can be found in industrial and consumer products. In the past two years there has been growing concern about the health impacts of PFAS and their presence in the state's waterways. One way PFAS gets into groundwater is through firefighting foams (Figure *43*).

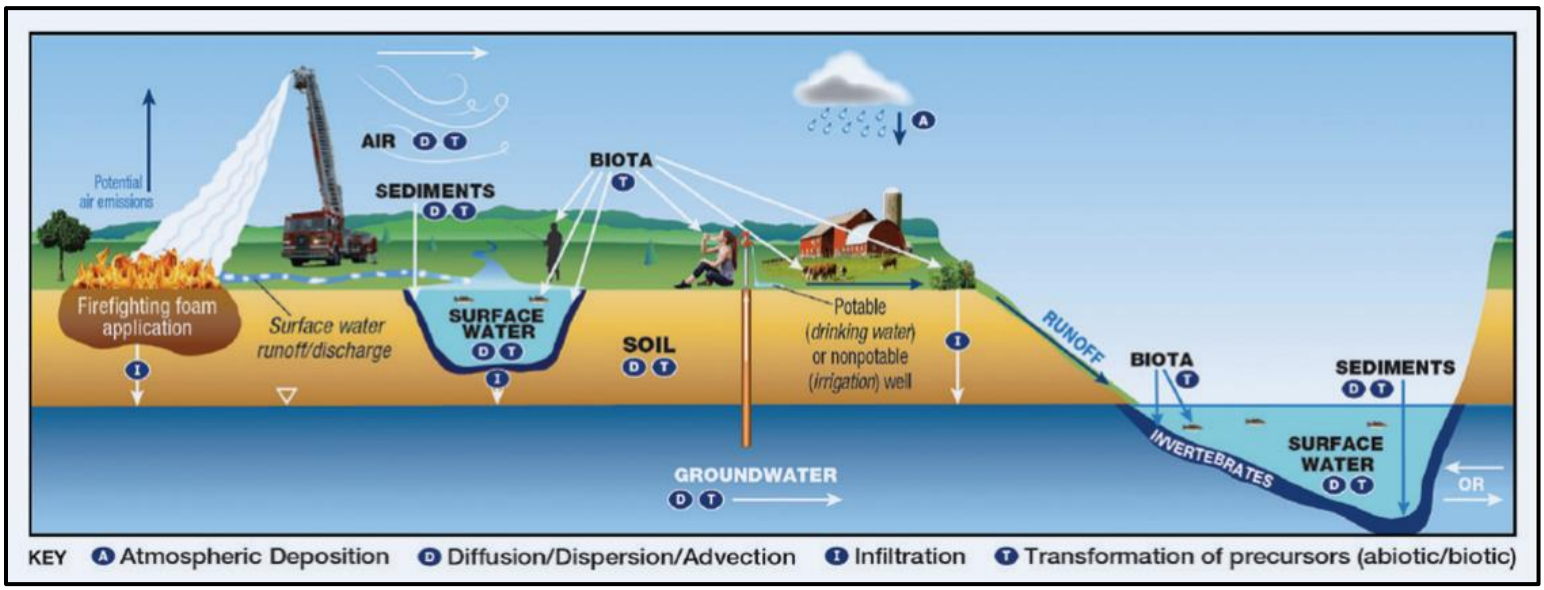


Figure 43. How PFAS enters groundwater through firefighting foam. PFAS can enter groundwater in other ways as well, including through industrial sites, landfills, and wastewater treatment plants. Figure from the 2019 Year of Clean Drinking Water Report.

Municipal Wastewater Treatment Plant Screening

In July 2019, the DNR requested that 125 municipal wastewater treatment facilities sample their influent and effluent for PFAS compounds to gain a better understanding of how and where PFAS contaminants could be entering the air, land and waters of the state.

Surface Water and Fish Tissue Sampling

The DNR's Water Quality Program, in cooperation with the Fisheries Management Program and other partners, conducted a statewide monitoring project to sample fish tissue and water chemistry at select sites around the state near known or probable sources of PFAS. This project will help develop a baseline of PFAS contamination within the state, help to identify action areas and provide the necessary data for the appropriate response. The objective of this monitoring effort is to describe PFAS concentrations in main exposure routes at sites with known or

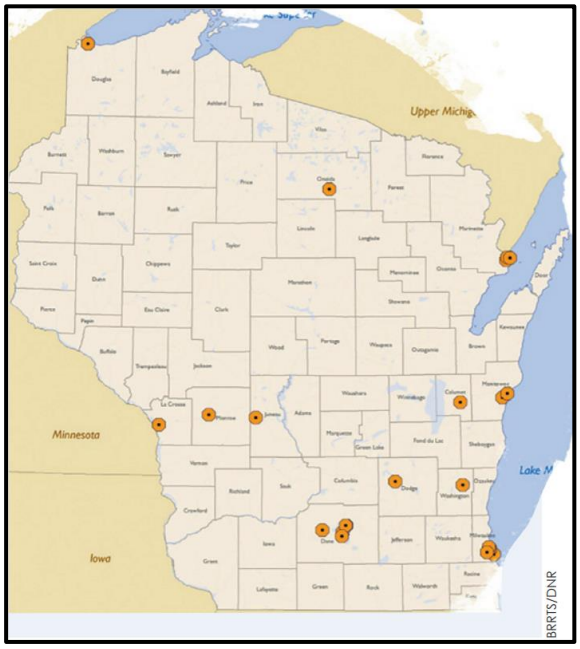


Figure 44. Areas where DNR is investigating PFAS contamination as of 2019. Courtesy of the 2019 Year of Clean Drinking Water Report.

suspected contamination with comparability among sites and to collect paired fish tissue and surface water chemistry to aid development of a water quality standard.

In summer 2019, DNR collected water chemistry and fish tissue samples from six waterbodies near known or suspected PFAS contamination sites (Figure *44*). The sites included fire suppression training grounds; water wells where PFAS had previously been detected; and two locations where elevated fish tissue levels had previously been found. In most cases, samples were collected both upstream and downstream from these known or suspected contaminated sites.

All of the surface water chemistry data has been received by the DNR, and site reports can be found here: https://dnr.wi.gov/topic/Contaminants/WaterQuality.html#criteria

Adoption of New Surface Water Quality Criteria

Water quality standards protect public health and welfare, recreational uses and the propagation of fish and other aquatic life. Adoption of new surface water quality criteria for a toxic pollutant can result in the imposition of new water quality based effluent limitations (WQBELs) and additional monitoring requirements in WPDES permits issued to municipal and industrial facilities that discharge the pollutant.

In Wisconsin, PFAS have been detected in drinking and surface water near sources of industrial use or manufacture and near spill locations. Thus, the DNR is working to create human health surface water quality criteria for perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA), as well as any other PFAS which the department determines may be harmful to human health in Ch. NR 105, Wis. Adm. Code.

For more information on PFAS and DNR initiatives, please visit https://dnr.wi.gov/topic/Contaminants.

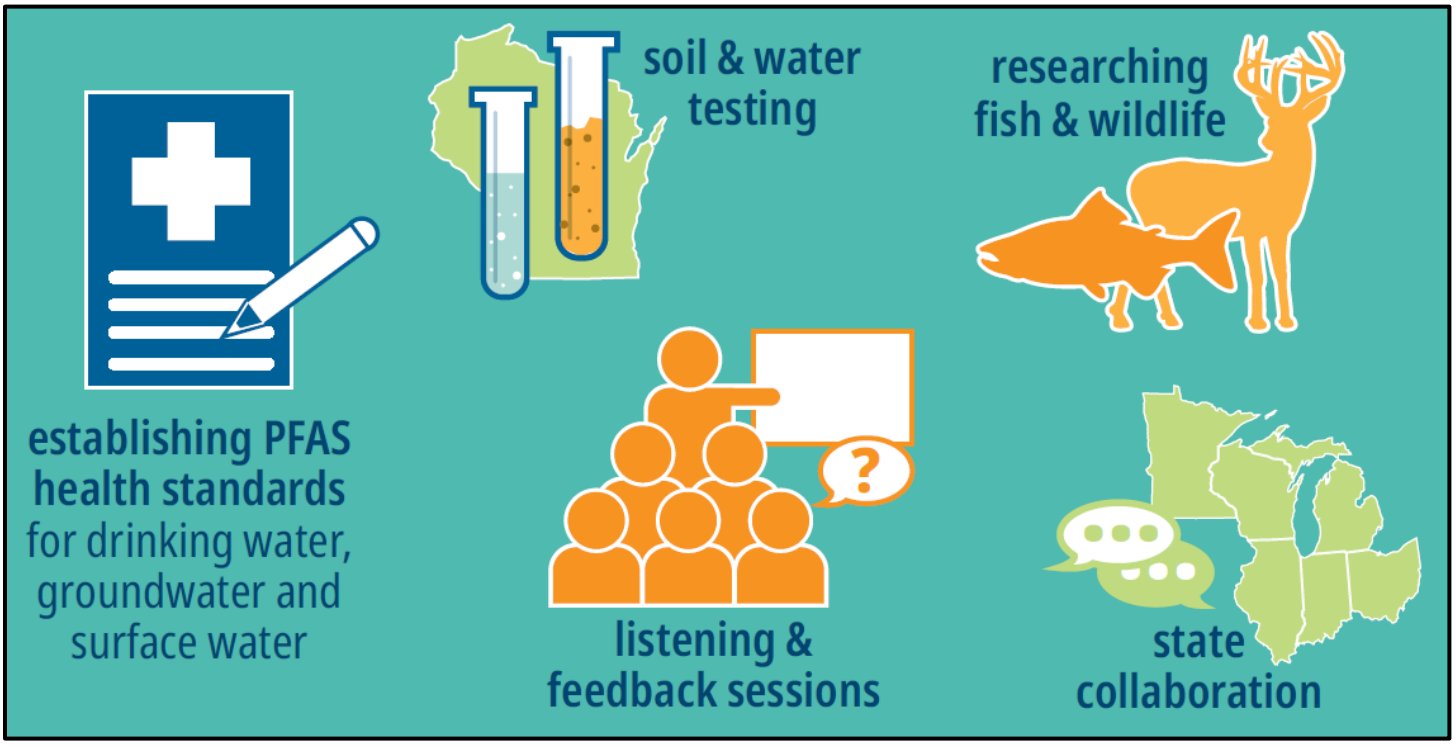


Figure 45. Actions being taken by the state of Wisconsin to address PFAS contamination. Graphic from the WDNR PFAS infographic (https://dnr.wi.gov/files/PDF/pubs/rr/RR114aE.pdf).

Water Quality Criteria

There are various criteria being created or revised through Department rulemaking efforts. Establishing Water Quality Criteria facilitates evaluations and listings.

Biocriteria

The most direct and commonly-applied method of measuring the quality of a waterbody is through assessing the biological communities within the waterbody—its fish, insects, plants, and algae. This rule establishes "narrative biocriteria" which set expectations for biological quality of these communities. It generally describes the types of biological assessments conducted to determine whether a waterbody's aquatic community is healthy and attaining its designated uses or is not attaining its designated uses and should be placed on the impaired waters list (section 303 (d) list). The inclusion of narrative biocriteria is consistent with practices already applied through WisCALM.

Oxythermal criteria for Aquatic Life in Two-story Fishery Lakes

This rule creates new oxythermal criteria for two-story fishery lakes. This new type of criterion is necessary because the existing dissolved oxygen criteria are not appropriate for this relatively rare and sensitive type of coldwater fishery, comprising only 1% of Wisconsin's lakes. Oxythermal criteria specify that at least one meter of depth in a two-story fishery lake must have both cold enough temperatures and high enough dissolved oxygen levels at all times to support coldwater fish.

Algae criteria for Recreation and Aquatic Life

The rule proposes algae (chlorophyll a) criteria for lakes, reservoirs and impounded flowing waters. Algae levels are a top water quality concern for the public, and are a critical component of waterbody assessments to determine whether recreational goals are met. The chlorophyll-*a* criteria created in this rule are the same considerations already used by the department through WisCALM to assess water quality for recreation and aquatic life uses. A minor exception to this is the aquatic life chlorophyll a threshold for two-story fishery lakes, which is lowered slightly from 10 ug/L to 8 ug/L chlorophyll-*a* based on new data analysis of Wisconsin lakes in this category.

Algal bloom on a WI lake. Photo taken by Cathy Higley, Vilas County Land & Water Department.

Phosphorus assessment procedures using biological metrics

Statewide phosphorus criteria were promulgated in 2010. However, the criteria did not include evaluation procedures for determining attainment of the phosphorus criteria in a waterbody. This rule specifies how attainment of the numeric phosphorus criteria is determined, reflecting protocols already in use in WisCALM guidance. It also incorporates flexibility for evaluating phosphorus impairments by creating a "combined assessment" approach. Under this approach, the waterbody's phosphorus concentration is reviewed in conjunction with "phosphorus response indicators"—algae and plant metrics—that specifically

indicate whether the waterbody is exhibiting a biological response to phosphorus. This approach is similar conceptually to processes previously outlined in WisCALM, but the metrics used for combined assessment under the new rule focus on plants and algae, while under WisCALM fish and aquatic insects were also used. If a waterbody exceeds the statewide phosphorus criterion (within a certain range) but does not exhibit a biological or recreational use impairment, it would not be considered impaired for purposes of section 303 (d) listing.

Bacteria Rule Package

The department is proposing changes to update Wisconsin's bacteria water quality criteria to better protect recreation in lakes, rivers and streams. The rule replaces the state's fecal coliform criteria with E. coli criteria consistent with EPA's recommendations. Studies have shown that E. coli is a much better indicator than fecal coliform of the likelihood of contracting gastrointestinal illness while recreating. There are two components to the criteria that must both be attained in surface waters: the first criterion is based on the geometric mean and the second is a value not to be exceeded more than 10% of the time. Use of both components measures the average over time while also accounting for the frequency of bacterial level spikes. The criteria are assessed over any 90-day period. These criteria will be used primarily for determining if a water should be considered impaired for recreation over a summer period. The criteria do not replace the Beach Action Values that are used to assess beaches in the short-term and determine whether swimming advisories are needed.

Flock of gulls on a Great Lake Beach. *E. coli* contamination can come from many sources including birds, people, and agriculture. Photo by Matt Steiger, WDNR.

WETLANDS

Wetlands by Design – A watershed approach decision matrix tool

The Nature Conservancy and the Wisconsin Department of Natural Resources have created an online tool to help Wisconsin citizens find the best sites to restore and protect – and the most promising watersheds to work in. Wetlands by Design was designed to support a watershed approach for wetland compensatory mitigation decisions that support sustainability or improvement of aquatic resources within a watershed. The Explorer tool can also inform watershed planning and enhance siting decisions and could be used to help winnow options from the hundreds or thousands of wetlands found in a watershed into a manageable number with the highest service potential.

Southern Sedge Meadow. Source: Ken Thompson (DNR contractor, Thompson Soil & Environmental)

This tool takes a watershed approach by starting at modified 6-digit Hydrologic Unit Code (HUC) watershed and ranks each nested watershed by those that have experienced the least to the most loss of wetland services (Figure *46*). The tool continues to rank successive nested watersheds until the HUC 12 watershed level where the viewer sees individual wetland polygons. The decision support tool includes information on each Wisconsin Wetland Inventory (WWI) and Potentially Restorable Wetlands (PRW) polygon in the state. For each WWI wetland or PRW polygon, the tool lists the modeled services including: flood abatement, fish and aquatic habitat, phosphorus retention,

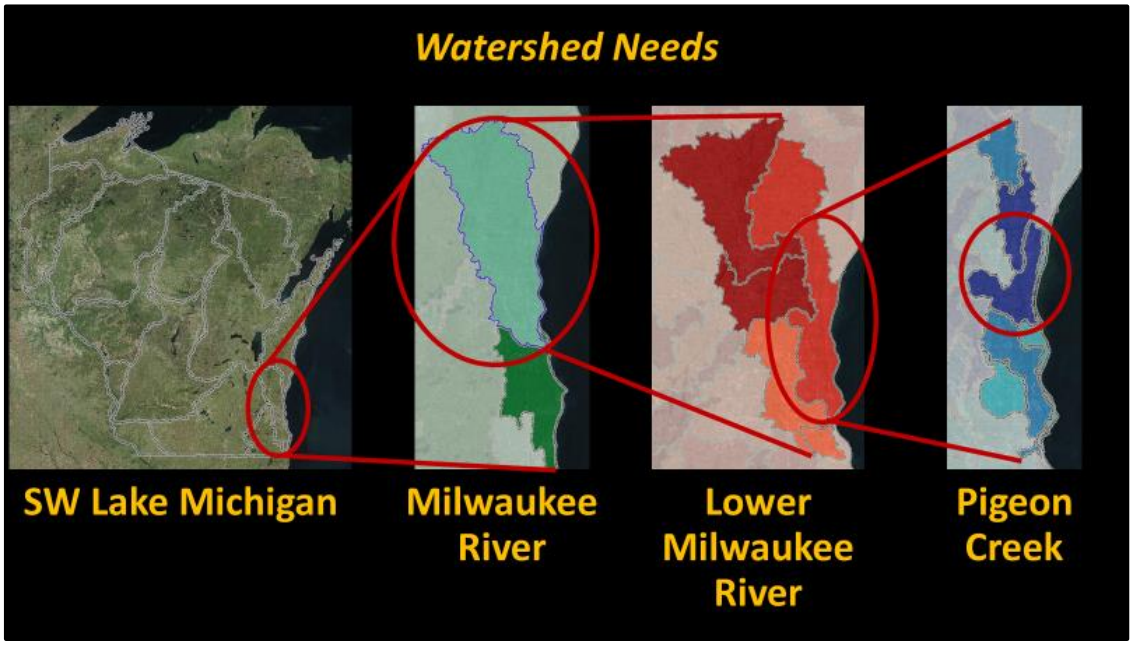


Figure 46. Example of Wetlands by Design tool, starting at HUC-6 level, down to HUC-12 level.

sediment retention, nitrogen reduction, surface water supply, shoreline protection, carbon storage, and floristic integrity (Figure *47*).

Users can utilize this new decision support tool to identify what watersheds of the state to focus energy on wetland restorations, to learn more about the services a local wetland provides, or to locate potential wetland compensatory mitigation project sites (Figure *48*). The Wetlands by Design Explorer report and mapping tool can be found here: www.wetlandsbydesign.org.

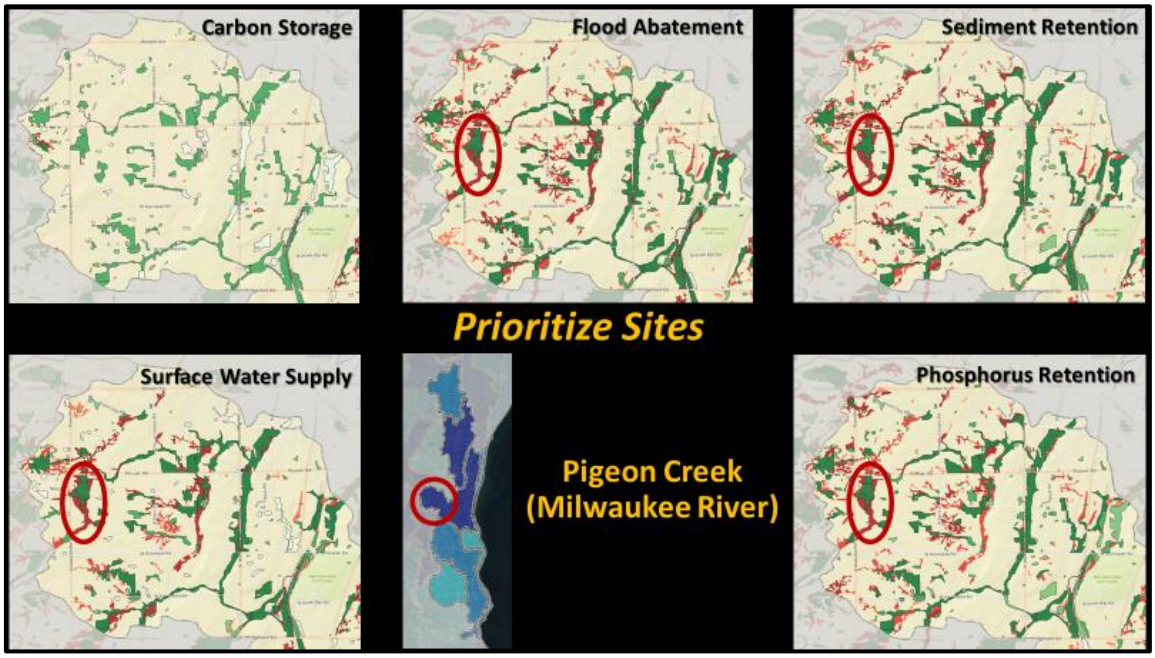


Figure 47. Example of Wetlands by Design tool modeled services in the decision support tool.

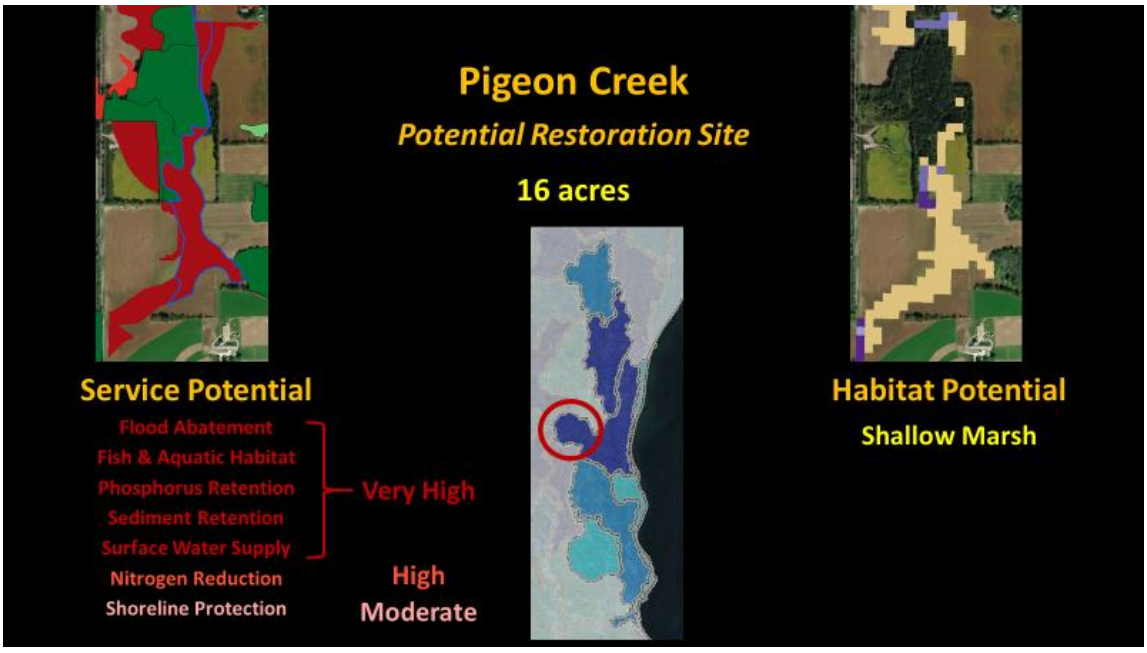


Figure 48. Example of Wetlands by Design tool potential restoration site based on service potentials.

Development of Provisional Wetland Floristic Quality Assessment Benchmarks

The Wisconsin Department of Natural Resources (WDNR) developed the Wisconsin Floristic Quality Assessment (WFQA) Method as an intensive, site-level (Level 3), vegetation-based approach for monitoring and assessment of wetlands in Wisconsin during the 2000s. Despite application of WFQA by WDNR and others, a statistically valid, objective framework to interpret WFQA results for assessing the biotic integrity or "health" (condition) of wetlands was lacking. To address this gap, WDNR and partners from the DNR Natural Heritage Conservation Bureau and Lake Superior Research Institute conducted nearly 1,100 WFQA surveys across Wisconsin from 2012-2018 to develop WFQA Benchmarks. The resulting provisional Benchmarks are numeric ranges of weighted mean coefficient of conservatism scores (a WFQA metric) that correspond to five quality/condition categories ("very poor", "poor", "fair", "good", and "excellent") for commonly-occurring wetland communities in each of the four US EPA Omernik Level III Ecoregions of the state – the Northern Lakes and Forests, the North Central Hardwood Forests, the Driftless Area, and the Southeast Wisconsin Till Plains.

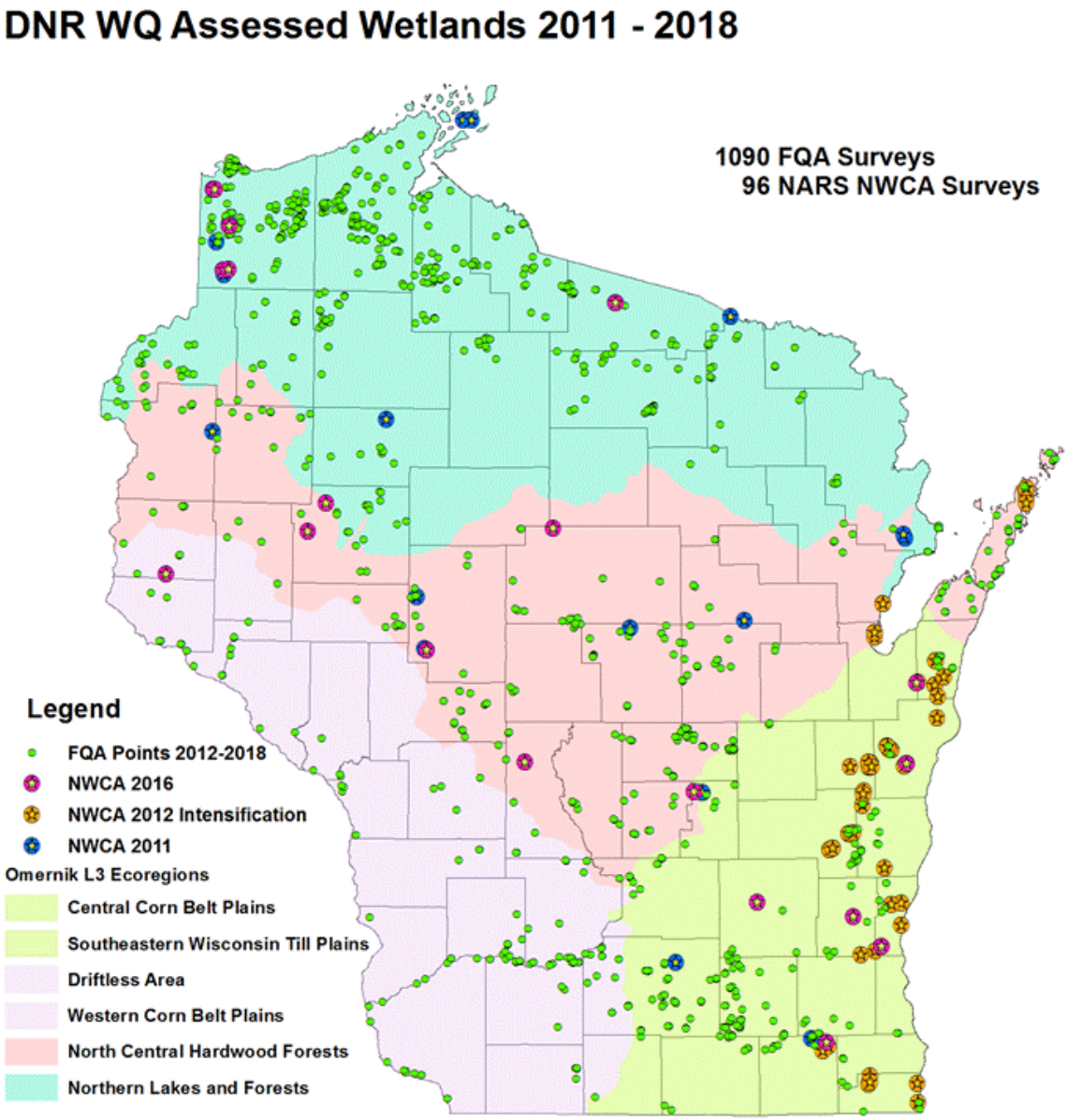


Figure 49. A map of wetland assessment areas assessed by the WDNR Wetland Monitoring and Assessment Team and partners since 2011 for the Floristic Quality Assessment Benchmarks Project ("FQA Surveys/Points"). Additional sites provided indicate locations of wetlands surveyed by WDNR and US EPA as part of the US EPA National Wetland Condition Assessment (US EPA 2016).

A Southern Sedge Meadow (Portage County) in "Very Poor" Condition (wC= 0.9). Historic attempts at farming through hydrologic alterations, such as ditching and drainage, have allowed for reed canary grass (a common wetland invasive species) to establish and out-compete native sedge species.

A Southern Sedge Meadow within Quincy Bluff and Wetlands State Natural Area (Adams County) in "Good" Condition (wC= 6.0). This site has no apparent human alterations and is surrounded with relatively undisturbed natural land cover.

Southern Sedge Meadow examples. Source: Ken Thompson (DNR contractor, Thompson Soil & Environmental)

Despite the Benchmarks being of provisional nature at this time, they constitute a solid starting point for application of WFQA as a statistically-valid, cost-effective, repeatable approach that will allow for relative comparisons across sites and time at most scales of interest for monitoring and assessment purposes. Understanding and documenting wetland condition, as well as the stressors likely driving condition, will allow for enhanced management and restoration opportunities of wetlands while also allowing for protection of wetlands already in excellent condition. The full reports that were used to generate this tool and the complete set of provisional wetland floristic quality benchmarks can be found here: https://dnr.wi.gov/topic/wetlands/reports .html.

Table 2. Provisional **Weighted Mean C ($\overline{wC}$)** Condition Benchmarks for **North Central Hardwood Forest** and **Western Corn Belt Plains** Wetlands

		Condition Category:				
		Least Disturbed			Most Disturbed	
	Natural Community:	Excellent	Good	Fair	Poor	Very Poor
Emergent	Emergent Marsh	> 6.6	5.2 - 6.6	3.1 - 5.1	0.8 - 3.0	< 0.8
	Southern Sedge Meadow	> 6.0	5.0 - 6.0	2.7 - 4.9	1.9 - 2.6	< 1.9
	Northern Sedge Meadow	> 7.0	5.9 - 7.0	2.8 - 5.8	1.4 - 2.7	< 1.4
Shrub	Shrub Carr	> 5.7	4.9 - 5.7	2.0 - 4.8	1.6 - 1.9	< 1.6
Forested	Northern Hardwood Swamp	> 6.1	5.0 - 6.1	2.7 - 4.9	2.5 - 2.6	< 2.5
	Northern Wet Mesic Forest**	> 7.1		6.8 - 7.1	< 6.8	
	Northern Tamarack Swamp	> 7.1	6.7 - 7.1	5.7 - 6.6	4.5 - 5.6	< 4.5

*Alder Thicket, Black Spruce Swamp, and Central Poor Fen types did not have significant inverse relationship with Overall Disturbance; no benchmarks currently suggested.

** Tiers calculated using Least Disturbed 75th and 25th %

Figure 50. Excerpt Table showing the Floristic Quality Assessment benchmark scores for common wetland communities in the North Central Hardwood Forest Ecoregion.

Floristic Quality Outcomes in Wetlands Restored Using a Variety of Hydrologic Restoration Techniques

Conducting a wetland condition assessment of a shrub-carr wetland at a wetland mitigation site in Jefferson County. (Monica Zoellner (left) and Justin Homer (right)). Source: Melissa Gibson, WDNR.

In Wisconsin, some of the most widespread and direct disturbances to wetland hydrology are drainage for crop production and sedimentation from uplands. In order to return the site to a close approximation of its pre-disturbance state, undoing the effects of drainage and sedimentation as much as possible makes sense. In practice however, wetland restoration practitioners have a range of hydrological restoration options depending on whether their goals are "complete historical restoration", "partial restoration", or" minimal restoration" (Thompson & Luthin, 2010) and complete removal of alterations is rarely attempted. The study was motivated by a lack of information on the consequences that the choice of hydrologic restoration technique may have to the success of a wetland restoration. The study focused primarily on the quality of the restored plant community as measured by floristic quality assessment (FQA) to measure 73 wetland communities at 39 wetland restoration sites; all sites had at least one hydrologic restoration and sometimes a combination of restoration techniques utilized.

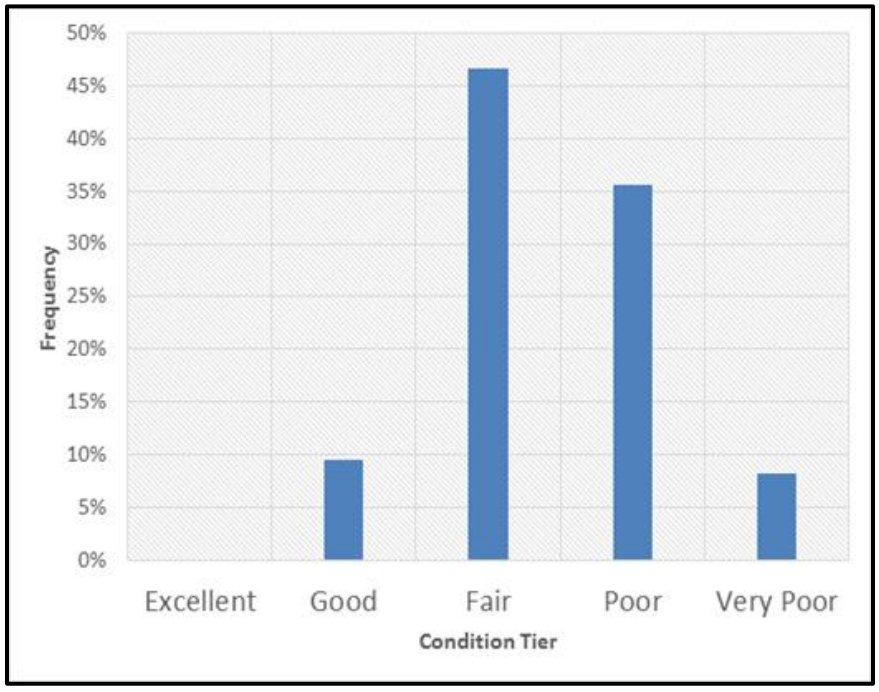


Figure 51. Wetland Condition Results in Restored Wetlands Using Floristic Quality Benchmarks. Distribution of condition results for 72 restored wetlands using floristic quality benchmarks specific to the restored wetland's ecoregion and community type.

The results did not show a significantly higher floristic quality for sites with full hydrologic restorations compared to those that were partially restored, as was hypothesized. These results may be due to low replication of similar sites – many other factors appear to be influencing sites beyond just hydrologic history. Instead, the strongest correlations to high floristic quality was to sites that were not fully drained to begin with (some hydrology remained intact) and to sites that had the highest organic matter.

Additional results and information about how these findings can be utilized for restoration efforts can be found here: https://dnr.wi.gov/topic/wetlands/reports.html.

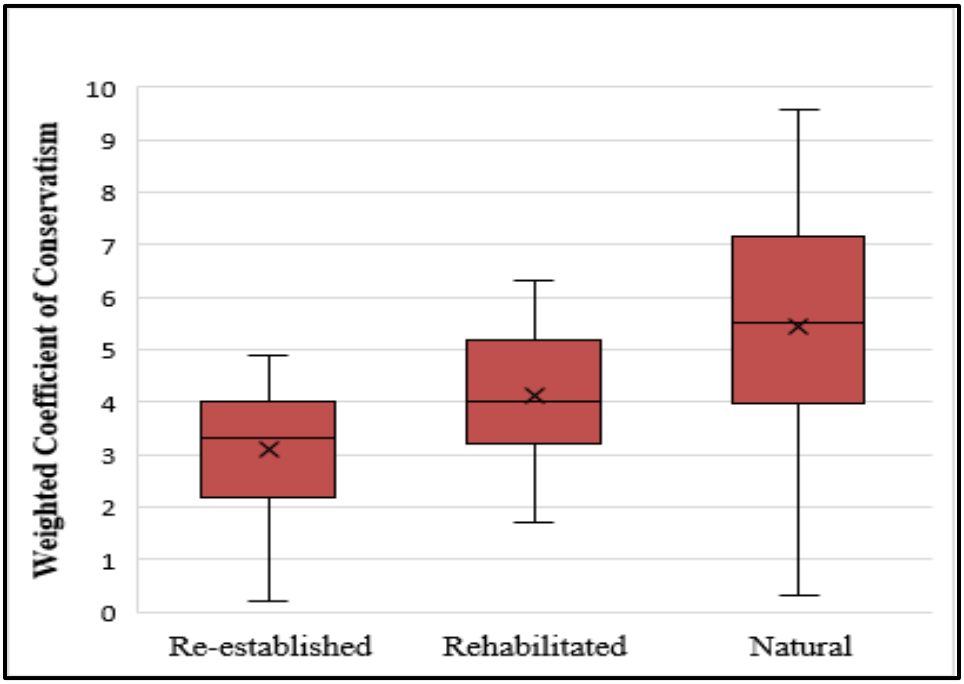


Figure 52. Wetland Condition Results in Restored and Natural Wetlands.

Wetland condition measured using the floristic quality metric, wC. Natural wetland data is taken from 1100 natural wetlands across WI surveyed by staff from the bureaus of Water Quality, Natural Heritage Conservation, and Lake Superior Research Institute Staff (2012 – 2018). Re-established wetlands were restored from fully-drained former wetlands. Rehabilitated wetlands were restored from partially-drained wetlands. Restored wetland data is taken from 72 wetlands surveyed by DNR Water Quality/Watershed Bureau staff (2016-2018).

GROUNDWATER

The Wisconsin Groundwater Coordinating Council (GCC) sends and annual report to the legislature. The latest report for fiscal year 2019 (July 1, 2018 – June 30, 2019) is available on the GCC Report to Legislature website (https://dnr.wi.gov/topic/Groundwater/GCC/).

Reducing Nitrates in Groundwater

The Agricultural Improvement Act of 2018, also known as the 2018 Farm Bill, states that the Secretary of Agriculture must encourage the protection of drinking water sources through the following methods:

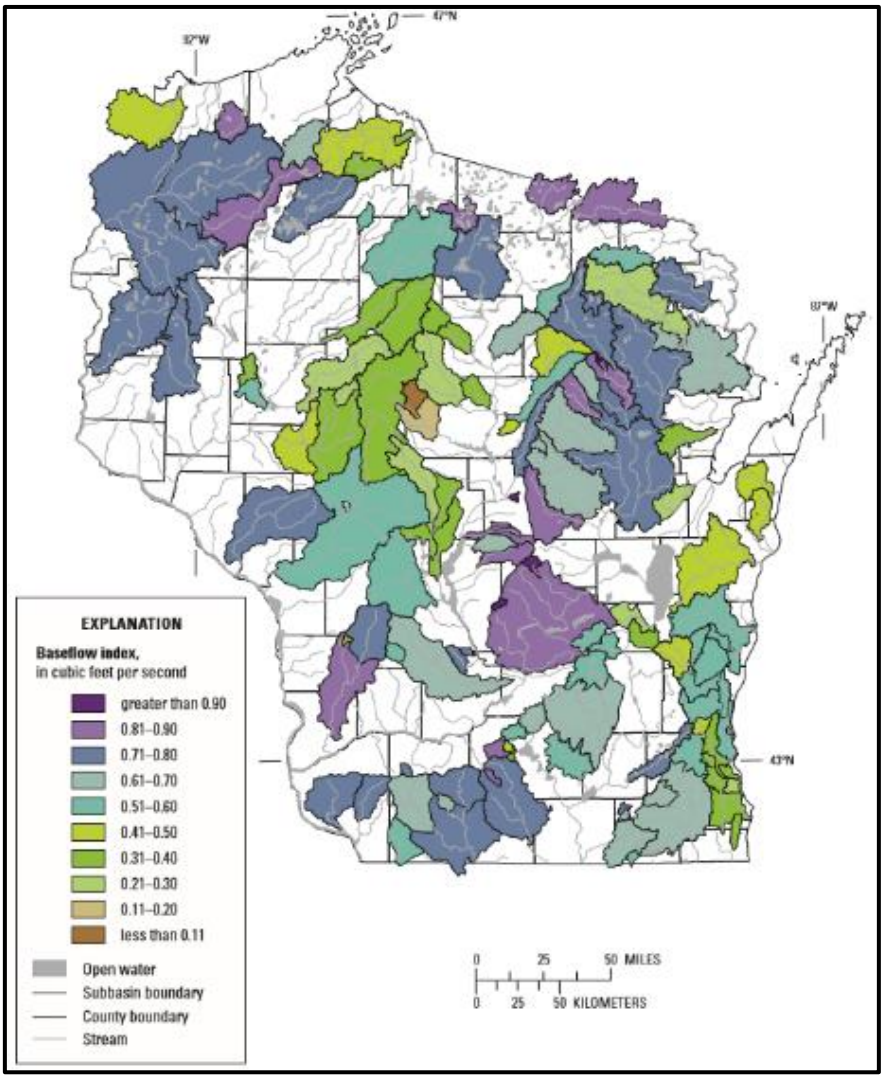
- Identify local priority areas for drinking water protection in each State, in collaboration with State Technical Committees and community water systems
- Provide increased incentives for practices that relate to water quality and/or quantity and the protection of drinking water sources that will also benefit producers.
- Dedicate at least 10 percent of the total funds available for conservation programs (excluding the Conservation Reserve Program) towards source water protection. This will be implemented each year, from FY 2019 through FY 2023.

Natural Resources Conservation Service (NRCS) has initiated efforts to meet the above requirements, forming a Source Water Protection Subcommittee of the NRCS-Wisconsin State Technical Committee, and is in the process of prioritizing areas and conservation practices for drinking water protection in the coming years.

Wisconsin Nitrate Initiative

Groundwater transport of nitrate is the most significant source of loading to baseflow-dominant streams. Wisconsin has multiple large basins where the baseflow contribution of groundwater at the monitoring station is estimated as high as 90% (USGS - Gebert et al., 2011).

Reducing nitrogen losses to the waters of the state is crucial: Wisconsin relies on groundwater as a source of drinking water for

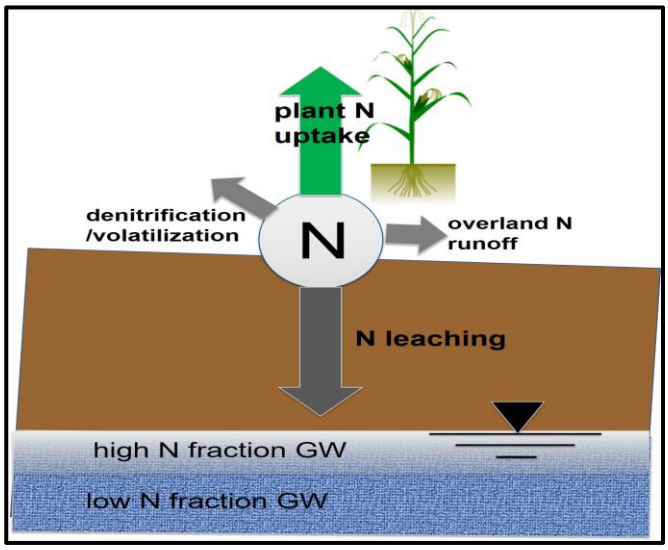


1970-1999 spatial distribution of base-flow index at streamflow-gaging stations Source: USGS (Gebert et al., 2011).

95% of public water supply systems and approximately 70% of the state's population.

Nitrogen losses and discharges originate from many sources, but agricultural is the most significant contributor due to aggregate loading (Shaw B., 1994). The primary nitrogen loss pathway involves nitrate leaching through subsurface drainage to groundwater where it is transported to sensitive receptors, like potable wells.

Of the private well owners who tested for nitrate-N within the state, approximately 10% of the samples exceeded the Maximum Contaminant Level (MCL). In agricultural areas, such as the highly cultivated regions in south-central Wisconsin, approximately 20%-30% of private well samples exceeded the MCL (Mechenich, 2015). (Note: one third of private well owners have never had their water tested for nitrate (Knobeloch et al., 2013; Schultz and Malecki, 2015)).



Nitrogen: Plant uptake vs. loss pathways. Source: Brian Austin, WDNR

The Wisconsin Safe Drinking Water Nitrate Initiative is designed to address nitrate impacts to groundwater sources of drinking water. This long-term project is a collaborative effort among stakeholders, including cooperating agricultural producers. The overarching goal is to build technical, institutional, and public capacity to enable meaningful reductions in nitrogen losses to sources of drinking water. The effort aims to reduce nitrate levels in sensitive groundwater recharge areas by making more efficient use of nitrogen in agricultural production and directing conservation practice cost-share dollars to critical recharge areas.

The initiative began with building cross-program partnerships within the WDNR, with additional support of stakeholder state agencies and institutions such as the University of Wisconsin System and Extension, the Wisconsin Geologic and Natural History Survey, the Department of Agriculture Trade and Consumer Protection, the Wisconsin Rural Water Association (WRWA), and the Wisconsin Land and Water Conservation Association (WLWCA). Federal partners include the USEPA, USGS, and NRCS.

These collaborative efforts resulted in the establishment of pilot projects, better known as Nitrate Demonstration Pilot Projects, in three separate communities that served as "problem-focus areas." Voluntary agreements with local landowners were established to study agricultural practices designed to reduce nitrate leaching to groundwater in areas contributing recharge to wells in the Village of Spring Green, Village of Fall Creek,

Flooded field after manure spreading. Source: Marty Nessman, WDNR.

and the City of Waupaca. These communities were chosen because drinking water systems were approaching unsafe levels of nitrate contamination. Each community had public water systems with nitrate trends above 5 mg/L and were approaching the maximum contaminant level of 10 mg/L.

More information on this project can be found in the Nutrient Reduction Strategy.

Chapter References

Gebert, W.A., Walker, J.F., and Kennedy, J.L., 2011, Estimating 1970–99 average annual groundwater recharge in Wisconsin using streamflow data: U.S. Geological Survey Open-File Report 2009–1210.] https://pubs.usgs.gov/of/2009/1210/

Knobeloch, L., P. Gorski, M. Christenson, H. Anderson. 2013. Private drinking water quality in rural Wisconsin. Journal of Environmental Health, 75(7):16-20.

Mechenich, D. 2015. Interactive Well Water Quality Viewer 1.0. University of Wisconsin-Stevens Point, Center for Watershed Science and Education. Available at http://www.uwsp.edu/cnr-ap/watershed/Pages/WellWaterViewer.aspx

Shaw B. 1994. Nitrogen Contamination Sources: A Look at Relative Contribution. Conference proceedings: Nitrate in Wisconsin's Groundwater – Strategies and Challenges. May 10, 1994. Central Wisconsin Groundwater Center, University of Wisconsin-Stevens Point, WI. Available at http://www.uwsp.edu/cnr-ap/watershed/Documents/nitrogen_conferenceproceedings.pdf

Schultz, A. and K.C. Malecki. 2015. Reducing human health risks from groundwater: private well testing behaviors and barriers among Wisconsin adults. Wisconsin groundwater management practice monitoring project, DNR-221.

COST/BENEFIT ANALYSIS

Environmental Improvement Fund

Wisconsin's Environmental Improvement Fund (EIF) consists of two separate financial assistance programs: the Clean Water Fund Program for wastewater treatment and urban runoff projects, and the Safe Drinking Water Loan Program for drinking water projects. The EIF directs limited financial resources to projects with the highest environmental priority score. The programs are administered jointly by WDNR and the Department of Administration.

The EIF is an excellent tool for Wisconsin in meeting its responsibilities under both the CWA and the Safe Drinking Water Act (SDWA). EIF programs provide financial assistance to local units of government in the form of subsidized loans and, in some cases, grants, principal forgiveness, or interest subsidy payments.

Clean Water Fund Program

The Clean Water Fund Program (CWFP) is the larger of Wisconsin's two revolving loan programs. The CWFP uses funding from the capitalization grant authorized by the CWA, repayments from previous loans, and supplemental funding from state borrowing, to help achieve state water quality goals and the objectives under the CWA.

Repayments of principal and interest from CWFP loans will make up the primary source of funding for future CWFP projects. The CWFP provides financial assistance to municipalities for planning, design, and construction of surface water and groundwater pollution abatement facilities to process municipalities' wastewater and urban runoff. Projects typically are constructed to maintain compliance with existing permit limits, achieve compliance with new limits, or provide wastewater treatment in areas previously not served. Financial assistance is administered by the CWFP through: 1) a federal leveraged program and 2) an interest rate subsidy program for small projects.

From 1991 through June 30, 2019, the CWFP entered into 1,019 financial assistance agreements with Wisconsin municipalities totaling $4.8 billion—$4.5 billion in loans and $284.6 million in grants and principal forgiveness. In addition, the CWFP has executed 88 agreements with municipalities to subsidize interest payments on wastewater treatment project loans made to the municipalities by a state program other than the CWFP. The amount of financial assistance provided for individual CWFP projects ranges from $18,851 to over $138 million. To be qualified for CWFP funding, a project must meet eligibility as outlined in the Eligibility Index: Clean Water Fund Program.

The CWFP may provide financial assistance to municipalities in the following ways: provide loans at or below market interest rates, purchase or refinance the debt obligations of municipalities incurred for CWFP-eligible water pollution control projects, and make subsidy payments to municipalities to reduce interest on loans made by the Board of Commissioners of Public Lands for CWFP-eligible projects. For the past several years, the CWFP has met federal requirements regarding additional subsidization by providing principal forgiveness to municipalities that meet principal forgiveness eligibility criteria established by the state.

Each CWFP project is prioritized using a system established by Wisconsin Administrative Code. The criteria used to evaluate projects are based on human health, regionalization, water quality impacts (based on a facility's discharge permit limit), and the population served by the project. The priority system assigns a score to every project based on these criteria. Projects are ranked numerically, so in the event funding is not available for all requested projects in a given year, awards will be made by the order in which they are ranked. Funding each biennium has been sufficient to fund all eligible CWFP projects, except for those projects requested under Wisconsin's financial hardship assistance program, which was phased out and removed from state statutes in recent years.

Safe Drinking Water Loan Program

The Safe Drinking Water Loan Program (SDWLP) was enacted in 1997 to provide financial assistance to municipalities for the planning, design, construction, or modification of public water systems. The SDWLP uses funding from the capitalization grant authorized by the SDWA and repayments from previous loans.

From the beginning of the program in 1998 through June 30, 2019, the SDWLP entered into 410 financial assistance agreements with Wisconsin municipalities totaling $749.3 million—$656.5 million in loans and $92.8 million in principal forgiveness. To be qualified for SDWLP funding, a project must meet eligibility as outlined in the Eligibility Index: Safe Drinking Water Loan Program.

In addition to providing financial assistance for traditional drinking water infrastructure projects, the SDWLP provided $26,857,885 in principal-forgiveness-only Financial Assistance Agreements to 42 municipalities for replacement of private Lead Service Lines (LSLs) between July 2017 through June 2019. These funds were provided through a 2-year LSL program which is now ended.

The SDWLP may provide financial assistance to municipalities as loans at or below market interest rates, or may purchase or refinance the debt obligations of municipalities incurred for SDWLP-eligible projects. In recent years, the SDWLP has also provided principal forgiveness to some municipalities to meet federal appropriation requirements.

Each SDWLP project is prioritized using a system established by Wisconsin Administrative Code. The criteria used to select projects include: risk to human health of acute and chronic contaminants, financial need based on population and median household income of the municipality served by the project, secondary contaminant violations or system compliance with regulations, and system capacity.

The priority system assigns a score to every project based on the criteria. Projects are ranked numerically, so in the event funding is not available for all project applicants in a given year, awards will be made by the order in which the projects are ranked.

Conclusions

With bountiful water resources, over 5 million residents, and up to 112 million annual visitors, the state of Wisconsin works diligently to protect water quality, biological integrity, and recreation opportunities. The Water Condition Lists are a first step in managing Wisconsin's waters, determining if protection or restoration is required. In the past two years, 2018 – 2019, monitoring was done across the state, resulting in new pollutant listings and delistings. The majority of new listings were for phosphorus and the majority of delistings were for mercury fish consumption advisories due to a cleanup of the Impaired Waters List. Two large-scale TMDLs were approved and one AMP was approved as a TMDL-alternative, which, in addition to the list cleanup, reduced the Impaired Waters List by 14%. The number of waters identified as not impaired and placed on the Healthy Waters List increased by about 10%. Many DNR programs and partners continue to work together to manage the state's water resources; a significant amount of work was done during the 2020 reporting cycle.

View of the Peshtigo River.

Appendix A

Impaired Waters List

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Adams Valley Creek	RIVER	14002	1653700	La Crosse	0	2.57	2.57	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Ahnapee River	RIVER	482923	94800	Door	7.86	14.71	6.85	Miles	Apr/01/1998	Other	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Ahnapee River	RIVER	18073	94800	Door, Kewaunee	0	7.86	7.86	Miles	Apr/01/1998	Other	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Ahnapee River	RIVER	18073	94800	Door, Kewaunee	0	7.86	7.86	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Allen Creek	RIVER	5542005	883700	Dane, Green, Rock	22.96	26.98	4.02	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Allen Creek	RIVER	13623	883700	Green, Rock	0	10.57	10.57	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Allen Creek	RIVER	13625	883700	Rock	15	20.21	5.21	Miles	Apr/01/2020	NPS	Total Phosphoru	Degraded Biological Community	Addition	Low	TMDL Needed (5A)
Allen Creek	RIVER	13626	883700	Rock	20.22	22.96	2.74	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Allen Creek	RIVER	18522	883700	Rock	10.57	12.61	2.05	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
Amacoy Lake	LAKE	15269	2359700	Rusk			282.53	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Amik Lake, Pike Lake Chain	LAKE	14815	2268600	Vilas			140.81	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown, Excess Algal Growth	303d Listed	Low	Natural Conditions (5C)
Amnicon Lake	LAKE	296831	2858100	Douglas			390.23	Acres	Apr/01/2020	NPS	Unknown Pollut	Excess Algal Growth	Addition	Low	TMDL Needed (5A)
Amnicon Lake	LAKE	296831	2858100	Douglas			390.23	Acres	Apr/01/1998	NPS	Sediment/Total	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Amnicon River Beach, Lake Superior	GREAT LAKES BEACH	1487383	2751220	Douglas	0	0.25	0.25	Miles	Apr/01/2016	PS/NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Andrus Lake (Little Round)	LAKE	16788	2668600	Polk			30.07	Acres	Apr/01/2020	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	Proposed for List	Low	Watershed Plan (5W)
Anna Lake	LAKE	128391	2953800	Vilas			194.48	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Annis Creek	RIVER	15664	2066200	Dunn	0	5.97	5.97	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Anodanta Lake	LAKE	20558	2898200	Bayfield			25.89	Acres	Apr/01/2018	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Apple River Flowage	LAKE	16550	2624200	Polk			604.51	Acres	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Arbutus Lake	LAKE	14235	1727700	Clark, Jackson			773.8	Acres	Apr/01/1998	Other	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Arbutus Lake	LAKE	14235	1727700	Clark, Jackson			773.8	Acres	Apr/01/2018	PS/NPS	Total Phosphoru	High Phosphorus Levels, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Arkansaw Creek	RIVER	15612	2055300	Pepin	0	9.01	9.01	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Ashippun River	RIVER	11543	853800	Dodge, Jefferson, Washington, Waukesha	0	33.17	33.17	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Bacon Branch	RIVER	18554	953200	Grant	0	5.96	5.96	Miles	Apr/01/2006	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Bad Axe River	RIVER	13966	1639300	Vernon	0	4.26	4.26	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Badfish Creek	RIVER	11653	799500	Dane	12.31	13.18	0.87	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCB Contaminated Sediments, PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Badfish Creek	RIVER	11652	799500	Dane, Rock	0	12.3	12.3	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCB Contaminated Sediments, PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Badfish Creek	RIVER	11652	799500	Dane, Rock	0	12.3	12.3	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Badger Mill Creek	RIVER	13654	888100	Dane	0	2	2	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Badger Mill Creek	RIVER	13655	888100	Dane	2	5	3	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Ballard Lake (Ballard Chain)	LAKE	15235	2340700	Vilas			502.59	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Balsam Lake	LAKE	16052	2112800	Washburn			325.39	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Bark River	RIVER	5541890	813500	Jefferson	0	12.46	12.46	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Barker Island Inner Beach	GREAT LAKES BEACH	1452402	2751220	Douglas	0	0.4	0.4	Miles	Apr/01/2018	PS/NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Bass Creek	RIVER	11631	795800	Rock	0	18.1	18.1	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Bass Lake	LAKE	127945	969600	Lincoln			105.76	Acres	Apr/01/2012	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Bass Lake	LAKE	18701	2279800	Price			84.45	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Bass Lake, North	LAKE	14929	1868900	Iron			189.97	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Batavia Creek	RIVER	10083	31400	Sheboygan	0	4.9	4.9	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Bay City Creek	RIVER	17627	2891100	Ashland	0	7.77	7.77	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Bear Creek	RIVER	1470824	2061900	Buffalo	10	16.63	6.63	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Bear Creek	RIVER	15582	2061900	Buffalo, Pepin	7.5	10	2.5	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Bear Creek	RIVER	17455	2834600	Douglas	0	10.95	10.95	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Bear Creek	RIVER	15581	2061900	Pepin	1.5	7.5	6	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Bear Creek	RIVER	3883349	2061900	Pepin	0	1.5	1.5	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Bear Creek	RIVER	315668	267400	Portage	1.94	7.23	5.29	Miles	Apr/01/2018	NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Bear Creek	RIVER	13408	1234600	Richland	0	8.2	8.2	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Bear Lake	LAKE	127730	552100	Forest			66.33	Acres	Apr/01/2016	PS/NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	Natural Conditions (5C)
Bear Lake (T36N R12W S2)	LAKE	15985	2105100	Barron, Washburn			1347.76	Acres	Apr/01/2014	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Bear Trap Lake	LAKE	16487	2618100	Polk			247.45	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Bears Grass Creek	RIVER	16099	2130300	Eau Claire	6.12	15.94	9.82	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	Watershed Plan (5W)
Bears Grass Creek	RIVER	1476724	2130300	Eau Claire	0	6.12	6.12	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	Watershed Plan (5W)
Bearskill Lake	LAKE	14803	2265100	Iron			80.83	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Bearskin Lake	LAKE	128040	1523600	Oneida			402.7	Acres	Apr/01/2016	PS/NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	Natural Conditions (5C)
Beaver Creek	RIVER	15808	2091400	Barron,Chippewa	0	9.97	9.97	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Beaver Creek	RIVER	11418	836500	Columbia, Dodge	0	14.86	14.86	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Beaver Creek	RIVER	16092	2129400	Eau Claire	0	8.05	8.05	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Beaver Creek	RIVER	12479	1459300	Marathon	0	5.13	5.13	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Beaver Creek	RIVER	10008	20000	Milwaukee	0	2.65	2.65	Miles	Apr/01/2020	PS/NPS	Chloride	Chronic Aquatic Toxicity	Addition	Low	TMDL Needed (5A)
Beaver Creek	RIVER	14078	1677500	Trempealeau	7.04	18.04	11	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Beaver Lake	LAKE	16223	1834400	Chippewa			16.56	Acres	Apr/01/2012	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Becker Lake	LAKE	9920	77300	Calumet			35.16	Acres	Apr/01/2016	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Medium	Watershed Plan (5W)
Belleville Millpond	LAKE	902204	4000040	Dane			29.53	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Medium	TMDL Needed (5A)
Benet Lake	LAKE	3895153	734800	Kenosha			109.92	Acres	Apr/01/2018	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Medium	Watershed Plan (5W)
Bernies Beach	INLAND BEACH	1490972	804600	Dane	0	0.09	0.09	Miles	Apr/01/2020	NPS	E. coli	Recreational Restrictions - Pathogens	Proposed for List	Low	TMDL Needed (5A)
Beulah Lake	LAKE	10501	766600	Walworth			812.07	Acres	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Big Arbor Vitae Lake	LAKE	128406	1545600	Vilas			1070.36	Acres	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Big Bass Lake	LAKE	424458	1405200	Marathon			176.94	Acres	Apr/01/2002	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Big Beaver Creek	RIVER	15689	2076200	Dunn	0	6.42	6.42	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Big Beaver Creek	RIVER	15690	2076200	Dunn	6.42	9.11	2.69	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Big Blake Lake (Blake)	LAKE	16558	2627000	Polk			208.1	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Big Butternut Lake	LAKE	16680	2641000	Polk			384.49	Acres	Apr/01/2012	Other	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Big Creek	RIVER	14124	1692900	Monroe	1.49	6.49	5	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Big Creek	RIVER	1527961	1692900	Monroe	0	1.49	1.49	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Big Doctor Lake	LAKE	16690	2453400	Burnett			213.21	Acres	Apr/01/2014	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Big Dummy Lake	LAKE	15829	1835100	Barron			113.73	Acres	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Big Fork Lake (Three Lakes Chain)	LAKE	128044	1610700	Oneida			662.76	Acres	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Big Fork Lake (Three Lakes Chain)	LAKE	128044	1610700	Oneida			662.76	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Big Lake	LAKE	18874	2615900	Polk			244.72	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Big Lake (Three Lakes Chain)	LAKE	128045	1613000	Oneida			844.78	Acres	Apr/01/2014	NPS	Total Phosphoru	Eutrophication, High Phosphorus Levels	TMDL Development	High	TMDL Needed (5A)
Big Lake (Three Lakes Chain)	LAKE	128045	1613000	Oneida			844.78	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Big Moon Lake	LAKE	15706	2079000	Barron			186.99	Acres	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Big Roche A Cri Creek	RIVER	12244	1374100	Adams	16.56	36.83	20.27	Miles	Apr/01/2018	NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Big Round Lake	LAKE	16562	2627400	Polk			1013.72	Acres	Apr/01/2020	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	Proposed for List	Low	Watershed Plan (5W)
Big Saint Germain Lake	LAKE	128411	1591100	Vilas			1621.76	Acres	Apr/01/2014	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
Big Stone Lake (Three Lakes Chain)	LAKE	128046	1612200	Oneida			606.78	Acres	Apr/01/2014	NPS	Total Phosphoru	High Phosphorus Levels	TMDL Development	High	TMDL Needed (5A)
Big Stone Lake (Three Lakes Chain)	LAKE	128046	1612200	Oneida			606.78	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Big Trade Lake	LAKE	16671	2638700	Burnett			327.31	Acres	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Billings Creek	RIVER	13197	1196900	Monroe,Vernon	0	15.2	15.2	Miles	Apr/01/2020	NPS	Unknown Pollut	Elevated Water Temperature	Proposed for List	Low	Natural Conditions (5C)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Birch Creek	RIVER	4700332	2833500	Douglas	0	6.87	6.87	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Bird Creek	RIVER	11053	152300	Waushara	0	4.67	4.67	Miles	Apr/01/2018	NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Black Cr (Buck Creek)	RIVER	9960	88300	Kewaunee, Manitowoc	0	9.49	9.49	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Black Lake (Birch)	LAKE	18758	2401300	Ashland, Sawyer			133.22	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Black R. (Below Medford)	RIVER	14258	1676700	Clark, Taylor	145.24	180.98	35.74	Miles	Apr/01/1998	Other	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Black R. (Below Medford)	RIVER	14258	1676700	Clark, Taylor	145.24	180.98	35.74	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Black River	RIVER	14215	1676700	Clark	89.75	99.17	9.42	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Black River	RIVER	14215	1676700	Clark	89.75	99.17	9.42	Miles	Apr/01/1998	Other	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Black River	RIVER	14308	1676700	Clark	136.96	145.24	8.28	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Black River	RIVER	6777572	1676700	Clark	119.8	136.96	17.16	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Black River	RIVER	6897757	1676700	Clark	103.21	110.83	7.62	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Black River	RIVER	14287	1676700	Jackson	73.36	86.9	13.54	Miles	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Black River	RIVER	14287	1676700	Jackson	73.36	86.9	13.54	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Black River	RIVER	18627	1676700	Jackson, La Crosse, Trempealeau	14.52	37.01	22.49	Miles	Apr/01/2004	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Black River	RIVER	18627	1676700	Jackson, La Crosse, Trempealeau	14.52	37.01	22.49	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Black River	RIVER	18627	1676700	Jackson, La Crosse, Trempealeau	14.52	37.01	22.49	Miles	Apr/01/2004	Other	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Black River	RIVER	14309	1676700	Jackson, Monroe	37.01	73.36	36.35	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Black River	RIVER	14309	1676700	Jackson, Monroe	37.01	73.36	36.35	Miles	Apr/01/1998	Other	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Black River	RIVER	11346	50300	Sheboygan	0	5.99	5.99	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Black River	RIVER	8102615	1676700	#N/A	99.17	103.21	4.04	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Black River	RIVER	8102615	1676700	#N/A	99.17	103.21	4.04	Miles	Apr/01/1998	Other	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Black River, Hwy H To Rock Creek	RIVER	14105	1676700	Clark	110.83	119.8	8.97	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Black River, Hwy H To Rock Creek	RIVER	14105	1676700	Clark	110.83	119.8	8.97	Miles	Apr/01/1998	PS/NPS	Unknown Pollut	Low DO	303d Listed	Low	TMDL Needed (5A)
Black River, Hwy H To Rock Creek	RIVER	14105	1676700	Clark	110.83	119.8	8.97	Miles	Apr/01/1998	Other	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Blackhawk Lake	LAKE	13338	1239400	Iowa			212.5	Acres	Apr/01/2016	PS/NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Blake Fork	RIVER	13917	962000	Grant	0	17.23	17.23	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Blake Fork	RIVER	13917	962000	Grant	0	17.23	17.23	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Blockhouse Lake	LAKE	14782	2256800	Price			241.06	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Blue River	RIVER	13269	1211000	Grant	0.01	17.87	17.86	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Blue River	RIVER	13271	1211000	Iowa	32.05	35.21	3.16	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Bluff Creek	RIVER	17454	2833200	Douglas	0	18.21	18.21	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Bogus Creek	RIVER	16305	2438900	Pepin	0	8.25	8.25	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Bohris Valley Creek	RIVER	14339	1774200	Buffalo	0	5	5	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Boice Creek	RIVER	13902	956200	Grant	0	15.86	15.86	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Bone Lake T35n R16w S06	LAKE	16565	2628100	Polk			1666.62	Acres	Apr/01/2012	PS/NPS	Total Phosphoru	Impairment Unknown, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Boot Lake	LAKE	9921	77600	Calumet, Manitowoc			10.51	Acres	Apr/01/2016	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Medium	Watershed Plan (5W)
Boot Lake	LAKE	128416	1619100	Vilas			285.82	Acres	Apr/01/2018	NPS	Unknown Pollut	Eutrophication, Excess Algal Growth	303d Listed	Low	Natural Conditions (5C)
Bostwick Creek	RIVER	13989	1650900	La Crosse	0	3.65	3.65	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Botana Valley Creek	RIVER	14350	1775700	Buffalo	0	6.16	6.16	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Branch River	RIVER	482239	71300	Brown, Manitowoc	20.15	36.78	16.63	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Branch River	RIVER	482183	71300	Manitowoc	12.41	20.15	7.74	Miles	Apr/01/2020	PS/NPS	Total Phosphoru	Impairment Unknown	Addition	High	Phosphorus Listed (5P)
Branch River	RIVER	482183	71300	Manitowoc	12.41	20.15	7.74	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Branch River (Main Stem)	RIVER	9899	71300	Manitowoc	0	12.42	12.42	Miles	Apr/01/2020	PS/NPS	Total Phosphoru	Impairment Unknown	Addition	High	Phosphorus Listed (5P)
Branch River (Main Stem)	RIVER	9899	71300	Manitowoc	0	12.42	12.42	Miles	Apr/01/2002	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Brewery Creek	RIVER	13815	928600	Iowa	0	3.32	3.32	Miles	Apr/01/2018	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Brewery Creek	RIVER	13815	928600	Iowa	0	3.32	3.32	Miles	Apr/01/1998	PS/NPS	Lead	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Brewery Creek	RIVER	13815	928600	Iowa	0	3.32	3.32	Miles	Apr/01/1998	PS/NPS	Zinc	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Bridge Creek	RIVER	16102	2130600	Eau Claire	0	3.58	3.58	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Bridge Creek	RIVER	1480660	2130600	Eau Claire	3.59	9.13	5.54	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Brittingham Beach	INLAND BEACH	1487466	804600	Dane	0	0.34	0.34	Miles	Apr/01/2020	NPS	E. coli	Recreational Restrictions - Pathogens	Proposed for List	Low	TMDL Needed (5A)
Bronken Creek	RIVER	15746	2083300	Dunn	0	1.2	1.2	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	Watershed Plan (5W)
Bronken Creek	RIVER	1457656	2083300	Dunn	1.2	6.85	5.65	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	Watershed Plan (5W)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Brown Branch	RIVER	13773	915900	Lafayette	0	4.6	4.6	Miles	Apr/01/2018	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Bruce Valley Creek	RIVER	14387	1786700	Trempealeau	0	6.49	6.49	Miles	Apr/01/2020	NPS	Total Phosphoru	High Phosphorus Levels	Proposed for List	Low	TMDL Needed (5A)
Brule River Flowage	IMPOUNDMENT	890809	704400	Florence			209.57	Acres	Apr/01/2002	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Brule River State Forest Beach #3, Lake Superior	GREAT LAKES BEACH	1452476	2751220	Douglas	0	0.69	0.69	Miles	Apr/01/2016	PS/NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Buffalo River	RIVER	14468	1813900	Buffalo, Trempealeau	0	29.82	29.82	Miles	Apr/01/2012	NPS	Total Phosphoru	Degraded Biological Community, High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Buffalo River	RIVER	14496	1813900	Trempealeau	42.37	53.76	11.39	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Buffalo River	RIVER	1439446	1813900	Trempealeau	54.47	67.56	13.09	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Buffalo River	RIVER	8102809	1813900	#N/A	29.82	42.36	12.54	Miles	Apr/01/2012	NPS	Total Phosphoru	Degraded Biological Community, High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Bull Br	RIVER	13880	953100	Grant	0	1.63	1.63	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Bull Branch	RIVER	13836	936400	Lafayette	0	3.75	3.75	Miles	Apr/01/2010	Other	Zinc	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Bull Branch	RIVER	13836	936400	Lafayette	0	3.75	3.75	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Bullhead Lake	LAKE	9881	68300	Manitowoc			69.52	Acres	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown, Excess Algal Growth	303d Listed	Medium	TMDL Needed (5A)
Butler Ditch	RIVER	10040	18100	Waukesha	0	2.85	2.85	Miles	Apr/01/2020	PS/NPS	Chloride	Chronic Aquatic Toxicity	Addition	Low	TMDL Needed (5A)
Butternut Lake	LAKE	14864	2283300	Ashland, Price			983.22	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Butternut Lake	LAKE	14864	2283300	Ashland, Price			983.22	Acres	Apr/01/2012	Unknown	Total Phosphoru	Impairment Unknown, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Caldron Falls Reservoir (Imp)	IMPOUNDMENT	11949	545400	Marinette, Oconto			1018	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Calvin Creek	RIVER	18027	66900	Manitowoc	0	5.83	5.83	Miles	Apr/01/2018	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Cambra Creek (Canada)	RIVER	11417	836200	Dodge	0	3	3	Miles	Apr/01/2012	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Carstens Lake	LAKE	9869	66800	Manitowoc			22.34	Acres	Apr/01/2014	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Medium	TMDL Needed (5A)
Casco Creek	RIVER	10178	91600	Kewaunee	0	0.47	0.47	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Caves Creek	RIVER	10718	166100	Marquette	0	12.1	12.1	Miles	Apr/01/2018	NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Cawley Creek	RIVER	14268	1750100	Clark	0	14.33	14.33	Miles	Apr/01/2018	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Cedarburg Pond	LAKE	11271	8500	Ozaukee			5.43	Acres	Apr/01/1998	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Cedarburg Pond	LAKE	11271	8500	Ozaukee			5.43	Acres	Apr/01/2012	Point Source	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Center Creek	RIVER	13366	1225800	Richland	0	2	2	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Centerville Creek	RIVER	3999071	65400	Manitowoc	0	5.54	5.54	Miles	Apr/01/2020	NPS	Total Phosphoru	High Phosphorus Levels	Proposed for List	High	TMDL Needed (5A)
Chaffee Creek	RIVER	18181	155900	Marquette, Waushara	1.66	15.62	13.96	Miles	Apr/01/2018	NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Chase Creek	RIVER	18575	965800	Grant	0	1.15	1.15	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Chequamegon Bay (Ashland Coal Tar Site)	BAY/HARBOR	891683	2753770	Ashland			16.62	Acres	Apr/01/1998	Contam. Sed.	PAHs	Chronic Aquatic Toxicity, PAHs Contaminated Sediments	303d Listed	Low	TMDL Needed (5A)
Chequamegon Flowage	IMPOUNDMENT	16206	2160700	Taylor			2366.31	Acres	Apr/01/2014	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Cherry Branch	RIVER	352979	898900	Lafayette	0.02	2.12	2.1	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat, Turbidity	303d Listed	Low	Natural Conditions (5C)
Chetek Lake	LAKE	15815	2094000	Barron			923.39	Acres	Apr/01/2006	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Chetek River	RIVER	15795	2089000	Barron	0	5.24	5.24	Miles	Apr/01/2008	PS/NPS	Total Phosphoru	Low DO, Eutrophication	303d Listed	Low	Watershed Plan (5W)
Chippewa R At Eau Claire	RIVER	889320	2050000	Eau Claire	58.84	60.05	1.21	Miles	Apr/01/1998	Contam. Sed.	Unspecified Mel	Unspecified Metals Contaminated Sediments	303d Listed	Low	TMDL Needed (5A)
Chippewa R At Eau Claire	RIVER	889320	2050000	Eau Claire	58.84	60.05	1.21	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Chippewa R At L Wissota	RIVER	889449	2050000	Chippewa	77.04	80.18	3.14	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Chippewa River	RIVER	18765	2050000	Buffalo, Pepin	0	20.73	20.73	Miles	Apr/01/2008	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Chippewa River	RIVER	889529	2050000	Chippewa	80.18	105.75	25.57	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Chippewa River	RIVER	889365	2050000	Chippewa, Eau Claire	60.05	77.04	16.99	Miles	Apr/01/2002	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Chippewa River	RIVER	889277	2050000	Dunn, Eau Claire	37.58	58.84	21.26	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Chippewa River	RIVER	304733	2050000	Dunn, Pepin	20.73	37.58	16.85	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Cisna Creek	RIVER	14227	1713400	Jackson	0	5.15	5.15	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Clack Creek	RIVER	18789	2066300	Dunn	0	3.34	3.34	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Clack Creek	RIVER	1456011	2066300	Dunn	3.34	5.35	2.01	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Clam Lake, Lower	LAKE	18914	2655300	Burnett			366.47	Acres	Apr/01/2018	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Clam Lake, Upper	LAKE	18915	2656200	Burnett			1337.67	Acres	Apr/01/2012	PS/NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Clam River Flowage	LAKE	16761	2654500	Burnett			411.94	Acres	Apr/01/2018	PS/NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Clear Creek	RIVER	14149	1697800	Jackson, Monroe	0	5.81	5.81	Miles	Apr/01/2002	NPS	Elevated Water	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Clear Lake	LAKE	11701	775000	Rock			77.41	Acres	Apr/01/2010	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Clear Lake	LAKE	128438	2329000	Vilas			515.15	Acres	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Coco Creek	RIVER	897130	772100	Waukesha	0.51	2.36	1.85	Miles	Apr/01/2018	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Cold Springs Cr	RIVER	5534355	831900	Dodge	0	4.24	4.24	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Collins (Fish) Lake	LAKE	10319	270200	Portage			42.93	Acres	Apr/01/2002	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Como Lake	LAKE	18840	2152100	Chippewa			98	Acres	Apr/01/2020	NPS	Total Phosphoru	Excess Algal Growth	Proposed for List	Low	TMDL Needed (5A)
Coon Branch	RIVER	13837	936500	Lafayette	0	5.21	5.21	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Coon Branch	RIVER	13838	936500	Lafayette	5.21	6.56	1.35	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Coon Branch	RIVER	1482046	936500	Lafayette	6.56	7.83	1.27	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Coon Creek	RIVER	15665	2066400	Dunn	0	3.35	3.35	Miles	Apr/01/2014	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	Watershed Plan (5W)
Coon Creek	RIVER	15665	2066400	Dunn	0	3.35	3.35	Miles	Apr/01/2002	NPS	Sediment/Total	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	Watershed Plan (5W)
Coon Creek	RIVER	893459	1643500	Vernon	0	13.81	13.81	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Coon Fork Flowage	LAKE	18825	2135600	Eau Claire			62.09	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Coon Lake	LAKE	16686	2642000	Polk			42.23	Acres	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Correction Creek	RIVER	14318	1765400	Taylor	0	7.18	7.18	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Cox Hollow Lake	LAKE	13432	1246500	Iowa			81.49	Acres	Apr/01/2016	PS/NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Cranberry Creek	RIVER	16344	2117000	Dunn, Pepin	0	14.46	14.46	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Cranberry Flowage, Upper	IMPOUNDMENT	14180	1707100	Jackson			35	Acres	Apr/01/2002	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Cranberry Lake	LAKE	128768	1603800	Oneida, Vilas			924.35	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Crane Lake	LAKE	10605	388500	Forest			355.22	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Crawfish River	RIVER	11438	829700	Columbia, Dodge	49.5	79.45	29.95	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Crawfish River	RIVER	11438	829700	Columbia, Dodge	49.5	79.45	29.95	Miles	Apr/01/2014	PS/NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Crawfish River	RIVER	5513911	829700	Jefferson	0	11.04	11.04	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Crawfish River - Columbus Mill Pond	IMPOUNDMENT	356471	842500	Columbia, Dodge			18.38	Acres	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Crawford Creek	RIVER	17458	2835500	Douglas	0	9.12	9.12	Miles	Apr/01/1998	Contam. Sed.	Creosote	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Crawford Creek	RIVER	17458	2835500	Douglas	0	9.12	9.12	Miles	Apr/01/1998	Contam. Sed.	PAHs	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Creek 1-8 (T29N, R11W)	RIVER	1457461	2083000	Dunn	0	2.93	2.93	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	Watershed Plan (5W)
Creek 20-16 Trib. To Gilbert Creek	RIVER	15656	2064650	Dunn	0	3.98	3.98	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Creek 2-14 (T29n, R4e)	RIVER	1459550	1458400	Marathon	0	5.41	5.41	Miles	Apr/01/2014	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Creek 8-13b	RIVER	1517423	533700	Marinette	0	1.25	1.25	Miles	Apr/01/2018	NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	Natural Conditions (5C)
Crestwood Creek	RIVER	3988802	19450	Milwaukee	0	1.35	1.35	Miles	Apr/01/2020	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Proposed for List	Low	TMDL Needed (5A)
Crowley Flowage	IMPOUNDMENT	14880	2287200	Price			353.64	Acres	Apr/01/1998	Other	Mercury	Chronic Aquatic Toxicity, Mercury Contaminated Fish Tissue, Mercury Contaminated Sediments	303d Listed	Low	TMDL Needed (5A)
Crystal River	RIVER	10287	258200	Waupaca	2.43	12.2	9.77	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Culver Br	RIVER	13875	950900	Grant	0	2.34	2.34	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Cunningham Creek	RIVER	18625	1747900	Clark	0	21.82	21.82	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Currie Lake	LAKE	128089	979300	Oneida			94.86	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Dairyland Reservoir (Flambeau)	IMPOUNDMENT	14663	2229200	Rusk			1870.54	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Dam Lake (Sugar Camp Chain)	LAKE	128092	1596900	Oneida			732.09	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	TMDL Development	High	Natural Conditions (5C)
Davis Creek	RIVER	14111	1689300	Jackson, La Crosse	0	6.86	6.86	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Davy Creek	RIVER	11548	855400	Dodge	0	5.69	5.69	Miles	Apr/01/1998	Contam. Sed.	Unspecified Met	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Dead Pike Lake	LAKE	15067	2316600	Vilas			308.57	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Decatur Lake	IMPOUNDMENT	4701075	879400	Green			109.24	Acres	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Deep Hole Lake	LAKE	10541	184500	Forest			95.24	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Deep Lake	LAKE	15894	1844000	Washburn			43.01	Acres	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Deep Wood Lake	LAKE	128724	1445100	Langlade			72	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Deer Creek	RIVER	424345	772900	Waukesha	0	8.09	8.09	Miles	Apr/01/2008	NPS	Elevated Water	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Deer Creek	RIVER	424345	772900	Waukesha	0	8.09	8.09	Miles	Apr/01/2008	NPS	Total Phosphoru	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Deer Creek	RIVER	424345	772900	Waukesha	0	8.09	8.09	Miles	Apr/01/1998	NPS	Sediment/Total	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Deer Lake (Three Lakes Chain)	LAKE	128094	1612300	Oneida			188.19	Acres	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	TMDL Development	High	TMDL Needed (5A)
Deer Lake (Three Lakes Chain)	LAKE	128094	1612300	Oneida			188.19	Acres	Apr/01/2018	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Deer Tail Creek	RIVER	14650	2221700	Rusk	0	38.6	38.6	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Delavan Lake	LAKE	11618	793600	Walworth			1906.03	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Dell Creek	RIVER	6897810	1295200	Juneau, Sauk	15.82	19.25	3.43	Miles	Apr/01/2018	NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Deneveu Lake	LAKE	10996	139300	Fond du Lac			79.94	Acres	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Des Plaines River	RIVER	11799	734000	Kenosha, Racine	0	23.44	23.44	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Devil's River	RIVER	10138	89900	Manitowoc	0	6	6	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Dexter Lake	LAKE	1446343	1369900	Wood			286.71	Acres	Apr/01/2010	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
Dexter Lake	LAKE	1446343	1369900	Wood			286.71	Acres	Apr/01/1998	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Diamond Lake	LAKE	891007	2897100	Bayfield			322.37	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Diamond Lake	LAKE	14291	1757200	Taylor			49.1	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Diamond Valley Creek	RIVER	16109	2131400	Eau Claire	0.91	7.09	6.18	Miles	Apr/01/2014	NPS	Unknown Pollut	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	Watershed Plan (5W)
Diamond Valley Creek	RIVER	16109	2131400	Eau Claire	0.91	7.09	6.18	Miles	Apr/01/2014	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	Watershed Plan (5W)
Diamond Valley Creek	RIVER	1480889	2131400	Eau Claire	0	0.91	0.91	Miles	Apr/01/2014	NPS	Unknown Pollut	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	Watershed Plan (5W)
Diamond Valley Creek	RIVER	1480889	2131400	Eau Claire	0	0.91	0.91	Miles	Apr/01/2014	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	Watershed Plan (5W)
Diggings Creek	RIVER	353842	936800	Lafayette	0	5.43	5.43	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Diggings Creek	RIVER	353842	936800	Lafayette	0	5.43	5.43	Miles	Apr/01/1998	NPS	Lead	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Diggings Creek	RIVER	353842	936800	Lafayette	0	5.43	5.43	Miles	Apr/01/1998	NPS	Zinc	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Diggings Creek	RIVER	353842	936800	Lafayette	0	5.43	5.43	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Ditch #5 (N.Br. Tenmile Creek)	RIVER	12280	1384600	Portage	0	4.92	4.92	Miles	Apr/01/2018	NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Ditch to the Oregon Branch of	RIVER	1516935	800800	Dane	0	3.65	3.65	Miles	Apr/01/2012	Unknown	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Doc Smith Branch (Cass Valley)	RIVER	13281	1212000	Grant	0	3.39	3.39	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Dodge Branch	RIVER	13748	910800	Iowa	16.52	20.3	3.78	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Dodge Branch	RIVER	13749	910800	Iowa	20.3	22.76	2.46	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Dog Lake (Three Lakes Chain)	LAKE	128743	1612900	Oneida			201.71	Acres	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	TMDL Development	High	TMDL Needed (5A)
Dog Lake (Three Lakes Chain)	LAKE	128743	1612900	Oneida			201.71	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Door Creek	RIVER	11644	802800	Dane	0	14.02	14.02	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Dougherty Creek	RIVER	13700	901000	Green	13.97	16.59	2.62	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Dougherty Creek	RIVER	13698	901000	Green,Lafayette	0	13.98	13.98	Miles	Apr/01/2020	NPS	Total Phosphoru	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Douglas Creek	RIVER	14116	1691300	Jackson	0	1.75	1.75	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Douglas Creek	RIVER	14117	1691300	Jackson	2.06	4.12	2.06	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Douglas Creek	RIVER	14118	1691300	Jackson	4.13	9.99	5.86	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Dowling Lake	LAKE	20362	2858300	Douglas			141.41	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Drew Creek	RIVER	11416	836100	Dodge	0	3	3	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Drew Creek	RIVER	11416	836100	Dodge	0	3	3	Miles	Apr/01/2014	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Duncan Creek	RIVER	16166	2150600	Chippewa	0	8.5	8.5	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Duncan Creek	RIVER	3987136	2150600	Chippewa	8.5	14.84	6.34	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Duncan Creek	RIVER	3987409	2150600	Chippewa	14.83	20.72	5.88	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Duscham Creek	RIVER	16345	2117100	Pepin,Dunn	0	8	8	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	TMDL Needed (5A)
Dustin Creek	RIVER	14133	1694300	Monroe	0	3.68	3.68	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Dutchman Creek	RIVER	10832	121600	Brown	0	4.04	4.04	Miles	Apr/01/1998	NPS	Ammonia (Unio	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Dutchman Creek	RIVER	1854741	121600	Outagamie	16.05	17.97	1.91	Miles	Apr/01/1998	NPS	Ammonia (Unio	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
E. Br. Pecatonica River	RIVER	13687	897800	Lafayette	0	10.77	10.77	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
E. Br. Pecatonica River	RIVER	8103187	897800	#N/A	10.77	33.12	22.35	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Eagle Lake	LAKE	10466	759800	Racine			529.34	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Eagle Lake (Eagle Chain)	LAKE	128460	1600200	Vilas			574.83	Acres	Apr/01/2018	NPS	Unknown Pollut	Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
East Balsam Lake	BAY/HARBOR	4698566	2620600	Polk			554.82	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
East Branch of Little Black	RIVER	14319	1765900	Taylor	0	13.82	13.82	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
East Fork Halls Creek	RIVER	1438117	1711600	Clark	8.49	10.64	2.15	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
East River	RIVER	10679	118000	Brown	0	14.15	14.15	Miles	Apr/01/1998	NPS	Unspecified Met	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
East River	RIVER	10680	118000	Brown, Calumet	14.15	42.25	28.1	Miles	Apr/01/1998	NPS	Unspecified Met	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
East Twin Lake	LAKE	16372	2598900	St. Croix			60.01	Acres	Apr/01/1998	PS/NPS	Total Phosphoru	Eutrophication, Elevated pH	303d Listed	Low	Watershed Plan (5W)
East Twin River	RIVER	10205	84000	Kewaunee	26.4	34.18	7.78	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
East Twin River	RIVER	10206	84000	Kewaunee	34.18	40.91	6.73	Miles	Apr/01/2014	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
East Twin River	RIVER	4700226	84000	Kewaunee, Manitowoc	10.49	26.4	15.91	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
East Twin River	RIVER	18071	84000	Manitowoc	0	10.49	10.49	Miles	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
East Twin River	RIVER	18071	84000	Manitowoc	0	10.49	10.49	Miles	Apr/01/2012	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
East Twin River	RIVER	18071	84000	Manitowoc	0	10.49	10.49	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Eau Claire Lake	LAKE	16115	2133200	Eau Claire			870.12	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Eau Claire Lake, Low	LAKE	17091	2741600	Bayfield, Douglas			784.38	Acres	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Eau Claire Lake, Middle	LAKE	17093	2742100	Bayfield			829.77	Acres	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Eau Claire Lake, Upper	LAKE	17095	2742700	Bayfield			1024.44	Acres	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Eau Galle River	RIVER	15608	2055000	Dunn, Pepin	0	8.83	8.83	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Eau Galle River	RIVER	15610	2055000	Pierce, St. Croix	32.55	33.79	1.24	Miles	Apr/01/1998	NPS	Total Phosphoru	Elevated pH	303d Listed	Low	TMDL Needed (5A)
Eau Galle River	RIVER	18771	2055000	Pierce,Dunn	11.24	24.06	12.82	Miles	Apr/01/2020	PS/NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Eau Galle River	RIVER	15611	2055000	St. Croix	33.79	39.24	5.45	Miles	Apr/01/1998	NPS	Sediment/Total	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Eichelman Beach, Lake Michigan	GREAT LAKES BEACH	1452637	20	Kenosha	0	0.58	0.58	Miles	Apr/01/2006	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	Watershed Plan (5W)
Eighteen Mile Creek	RIVER	15742	2082400	Dunn	0	4.84	4.84	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	Watershed Plan (5W)
Eighteen Mile Creek	RIVER	1527717	2082400	Dunn	4.84	5.55	0.71	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	Watershed Plan (5W)
Elk Creek	RIVER	16075	2120800	Dunn	0	4.01	4.01	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Elk Creek	RIVER	14380	1782500	Trempealeau	0.72	21.51	20.79	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Elk Creek	RIVER	5688228	1782500	Trempealeau	0	0.26	0.26	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Elk Creek	RIVER	1456184	2120800	Chippewa	8.97	25.33	16.36	Miles	Apr/01/2020	NPS	Total Phosphoru	High Phosphorus Levels	Proposed for List	Low	TMDL Needed (5A)
Elkhart Lake	LAKE	11365	59300	Sheboygan			291.6	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Elmer School Branch	RIVER	18527	880600	Green	0	4	4	Miles	Apr/01/2014	PS/NPS	Sediment/Total	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Emma Lake	LAKE	128745	983500	Oneida			226.53	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
English Lake	LAKE	891177	2914800	Ashland			231.55	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
English Lake	LAKE	9878	68100	Manitowoc			47.95	Acres	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Enterprise Lake	LAKE	127847	1579700	Langlade			508.75	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Erickson Creek	RIVER	13708	906200	Green,Lafayette	0	5.74	5.74	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Esther Park Beach	INLAND BEACH	1487996	804600	Dane	0	0.15	0.15	Miles	Apr/01/2014	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Fall Creek	RIVER	16342	2116700	Dunn, Pepin	0	8.24	8.24	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Fall Creek	RIVER	16095	2129900	Eau Claire	0	3.36	3.36	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	Watershed Plan (5W)
Fall Creek	RIVER	16096	2129900	Eau Claire	3.36	10.69	7.33	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	Watershed Plan (5W)
Faxon (Central Park) Creek	RIVER	1525909	2843700	Douglas	0	3.21	3.21	Miles	Apr/01/2014	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Faxon (Central Park) Creek	RIVER	1525909	2843700	Douglas	0	3.21	3.21	Miles	Apr/01/2020	NPS	E. coli	Recreational Restrictions - Pathogens	Addition	Low	TMDL Needed (5A)
Feather Branch	RIVER	13776	917400	Lafayette	0	5	5	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Fifth Lake	LAKE	128111	1571100	Oneida			237.98	Acres	Apr/01/2014	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Finley Lake	LAKE	16273	2175700	Chippewa			57.99	Acres	Apr/01/1998	NPS	Total Phosphoru	Eutrophication, Elevated pH	303d Listed	Low	TMDL Needed (5A)
Finley Lake	LAKE	16273	2175700	Chippewa			57.99	Acres	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Fischer Creek	RIVER	9863	65800	Manitowoc	0	8.78	8.78	Miles	Apr/01/2020	PS/NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
Fischer Park Beaches, Lake Michigan	GREAT LAKES BEACH	481811	20	Manitowoc	0	0.85	0.85	Miles	Apr/01/2016	PS/NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Fish Creek	RIVER	3924909	44700	Milwaukee, Ozaukee	0	3.38	3.38	Miles	Apr/01/2018	NPS	Chloride	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Fish Creek	RIVER	3924909	44700	Milwaukee, Ozaukee	0	3.38	3.38	Miles	Apr/01/2014	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Fish Lake	LAKE	13490	985100	Dane			198.6	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Fisher Creek	RIVER	18021	62500	Sheboygan	0	4.4	4.4	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Fisher River	RIVER	16294	2181500	Chippewa, Taylor	0	32.39	32.39	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Fleming Creek	RIVER	14065	1685600	La Crosse	0	10	10	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Fleming Creek	RIVER	14066	1685600	La Crosse	10	19.57	9.57	Miles	Apr/01/1998	NPS	Sediment/Total	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Fond Du Lac River	RIVER	10989	133700	Fond Du Lac	0	1.56	1.56	Miles	Apr/01/1998	Contam. Sed.	Unspecified Met	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Fourmile Lake (Three Lakes Chain)	LAKE	128114	1610800	Oneida			209.6	Acres	Apr/01/2012	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Fourth Lake (Moen's Lake Chain)	LAKE	128115	1572000	Oneida			252.95	Acres	Apr/01/2014	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Fox River	RIVER	424184	742500	Waukesha	113.99	121.06	7.07	Miles	Apr/01/1998	PS/NPS	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Fox River	RIVER	424184	742500	Waukesha	113.99	121.06	7.07	Miles	Apr/01/1998	PS/NPS	Total Phosphoru	Low DO	303d Listed	Low	TMDL Needed (5A)
Fox River	RIVER	424184	742500	Waukesha	113.99	121.06	7.07	Miles	Apr/01/1998	PS/NPS	Sediment/Total	Low DO	303d Listed	Low	TMDL Needed (5A)
Fox River	RIVER	424225	742500	Waukesha	121.06	130.55	9.49	Miles	Apr/01/1998	PS/NPS	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Fox River (At Oshkosh)	RIVER	352759	117900	Winnebago	57.76	58.25	0.49	Miles	Apr/01/2004	Contam. Sed.	PAHs	Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Fox River (Below Barstow	RIVER	10461	742500	Waukesha	105.34	109.21	3.87	Miles	Apr/01/1998	PS/NPS	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Fox River (Below Barstow	RIVER	10461	742500	Waukesha	105.34	109.21	3.87	Miles	Apr/01/1998	PS/NPS	Total Phosphoru	Low DO	303d Listed	Low	TMDL Needed (5A)
Fox River (Below Barstow	RIVER	10461	742500	Waukesha	105.34	109.21	3.87	Miles	Apr/01/1998	PS/NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Fox River (Illinois)	RIVER	10507	742500	Kenosha, Racine, Waukesha	47.17	85.23	38.06	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Fox River (Illinois)	RIVER	10507	742500	Kenosha, Racine, Waukesha	47.17	85.23	38.06	Miles	Apr/01/2012	Unknown	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Fox River (Illinois)	RIVER	481165	742500	Waukesha	91.98	105.34	13.36	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Fox River (Illinois)	RIVER	481165	742500	Waukesha	91.98	105.34	13.36	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Fox River (Illinois)	RIVER	8103693	742500	#N/A	85.23	91.98	6.75	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Fox River (Illinois)	RIVER	8103693	742500	#N/A	85.23	91.98	6.75	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Fox River At Buffalo Lake	LAKE	11083	168000	Marquette			2178.92	Acres	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Fox River, Upper Barstow	RIVER	424143	742500	Waukesha	110.29	113.99	3.7	Miles	Apr/01/1998	PS/NPS	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Fox River, Upper Barstow Impoundment	RIVER	424143	742500	Waukesha	110.29	113.99	3.7	Miles	Apr/01/1998	PS/NPS	Total Phosphoru	Low DO, Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Fox River, Upper Barstow	RIVER	424143	742500	Waukesha	110.29	113.99	3.7	Miles	Apr/01/1998	PS/NPS	Sediment/Total	Low DO	303d Listed	Low	TMDL Needed (5A)
Frame Park Creek	RIVER	424708	771650	Waukesha	0	1.26	1.26	Miles	Apr/01/1998	NPS	Total Phosphoru	Low DO	TMDL Development	High	TMDL Needed (5A)
Frame Park Creek	RIVER	424708	771650	Waukesha	0	1.26	1.26	Miles	Apr/01/1998	NPS	Unspecified Met	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Frame Park Creek	RIVER	424708	771650	Waukesha	0	1.26	1.26	Miles	Apr/01/1998	NPS	PAHs	PAHs Contaminated Sediments	303d Listed	Low	TMDL Needed (5A)
Frame Park Creek	RIVER	424708	771650	Waukesha	0	1.26	1.26	Miles	Apr/01/1998	NPS	Sediment/Total	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Franklin Lake	LAKE	128117	986000	Oneida			159.16	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
French Creek	RIVER	14086	1679500	Trempealeau	2.47	8.75	6.28	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Friday Creek	RIVER	16488	2618200	Polk	0	2.24	2.24	Miles	Apr/01/2014	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	Watershed Plan (5W)
Friendship Lake	LAKE	424108	1352000	Adams			124.94	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Friess Lake	LAKE	11510	853200	Washington			121.46	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Galloway Creek	RIVER	3990988	2065700	Dunn	0	2.61	2.61	Miles	Apr/01/2016	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Garners Creek	RIVER	10845	127700	Calumet, Outagamie	0	6.99	6.99	Miles	Apr/01/2016	NPS	Chloride	Chronic Aquatic Toxicity	303d Listed	Low	Watershed Plan (5W)
Gass Lake	LAKE	9870	67100	Manitowoc			5.98	Acres	Apr/01/2016	NPS	Total Phosphoru	High Phosphorus Levels, Excess Algal Growth	303d Listed	Medium	TMDL Needed (5A)
Gelena River	RIVER	13833	935500	Lafayette	19.43	52.07	32.64	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
German Creek	RIVER	15820	2094900	Barron	0	7.23	7.23	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	Watershed Plan (5W)
Ghost Lake	LAKE	15537	2423000	Sawyer			384.05	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Gill Creek	RIVER	11570	861700	Dodge	0	6.32	6.32	Miles	Apr/01/2006	NPS	Ammonia (Unio	Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Gilmore Lake	LAKE	17283	2695800	Washburn			371.36	Acres	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Goggle-Eye Creek	RIVER	16158	2148800	Clark	0	7.19	7.19	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	Watershed Plan (5W)
Goodland Park	INLAND BEACH	1527156	803700	Dane	0	0.08	0.08	Miles	Apr/01/2020	NPS	E. coli	Recreational Restrictions - Pathogens	Proposed for List	Low	TMDL Needed (5A)
Goose Lake	LAKE	902174	872600	Dane			11.91	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Medium	TMDL Needed (5A)
Grandma Creek	RIVER	480998	62400	Sheboygan	0	4.82	4.82	Miles	Apr/01/1998	NPS	Total Phosphoru	Low DO	303d Listed	Low	TMDL Needed (5A)
Grandma Creek	RIVER	480998	62400	Sheboygan	0	4.82	4.82	Miles	Apr/01/1998	NPS	Sediment/Total	Low DO, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Granite Lake	LAKE	15877	2100800	Barron			154.94	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Grant Park Beach, Lake Michigan	GREAT LAKES BEACH	1452696	20	Milwaukee	0	0.7	0.7	Miles	Apr/01/2006	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Grant River	RIVER	13901	956000	Grant	0	18.87	18.87	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Grant River	RIVER	6901615	956000	Grant	18.87	25.94	7.07	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Grantosa Creek	RIVER	3991760	5035175	Milwaukee	0	1.02	1.02	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Greater Bass Lake	LAKE	127855	1445500	Langlade			244.05	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Green Bay (Gl Shoreline)	GREAT LAKES SHORELINE	483034	70	Brown, Door, Kewaunee, Marinette, Oconto	0	131.2	131.2	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Green Bay (Inner Bay, Aoc)	BAY/HARBOR	357876	70	Brown			13867.36	Acres	Apr/01/1998	Contam. Sed.	PCBs	PCB Contaminated Sediments, PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Green Lake (Big Green)	LAKE	11023	146100	Green Lake			7485.65	Acres	Apr/01/2002	Atm. Dep.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Griffin Creek	RIVER	10403	279000	Waupaca	0	2.83	2.83	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Grubers Grove Bay, Lake	BAY/HARBOR	887849	1260600	Sauk			25.01	Acres	Apr/01/2006	Contam. Sed.	Unspecified Met	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Grubers Grove Bay, Lake	BAY/HARBOR	887849	1260600	Sauk			25.01	Acres	Apr/01/1998	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Grubers Grove Bay, Lake	BAY/HARBOR	887849	1260600	Sauk			25.01	Acres	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Halfway Creek	RIVER	14056	1676000	La Crosse	7.72	11.59	3.87	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Hallie Lake	IMPOUNDMENT	18837	2150200	Chippewa			78.64	Acres	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Halls Branch	RIVER	887220	1184300	Crawford	1.97	5.16	3.19	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Halls Creek	RIVER	18612	1710600	Jackson	0	13.19	13.19	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Hancock Lake	LAKE	128130	1517900	Oneida			258.63	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Harkner Flowage	IMPOUNDMENT	14169	1704100	Jackson			53.18	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Harper Lake, South	LAKE	14618	2204100	Taylor			72.32	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Harpt Lake	LAKE	10149	84600	Manitowoc			32.2	Acres	Apr/01/2016	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Hartlaub Lake	LAKE	9871	67200	Manitowoc			37.41	Acres	Apr/01/2016	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Hartman Creek	RIVER	10298	263000	Waupaca	0	1.61	1.61	Miles	Apr/01/2018	NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Harvey Creek	RIVER	14486	1819300	Buffalo	0	3.28	3.28	Miles	Apr/01/2020	PS/NPS	Total Phosphoru	High Phosphorus Levels	Proposed for List	Low	TMDL Needed (5A)
Harvey Creek	RIVER	5541777	1819300	Buffalo	5.64	7.09	1.45	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Harvey Creek	RIVER	5514178	1819300	Buffalo, Pepin	7.09	10.68	3.59	Miles	Apr/01/2020	NPS	Total Phosphoru	Degraded Biological Community, High Phosphorus Levels	Addition	Low	TMDL Needed (5A)
Hawkinson Creek	RIVER	14386	1785500	Trempealeau	0	4	4	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Hay Creek	RIVER	1453560	2133300	Chippewa, Eau Claire	13.06	21.4	8.34	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Hay Creek	RIVER	1453605	2133300	Eau Claire	0	13.06	13.06	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Hay Creek (T25N R6W)	RIVER	16110	2131900	Eau Claire	0	7.07	7.07	Miles	Apr/01/2014	NPS	Unknown Pollut	Degraded Biological Community, Elevated Water Temperature, Degraded Habitat	303d Listed	Low	Watershed Plan (5W)
Hay Creek (T25N R6W)	RIVER	16110	2131900	Eau Claire	0	7.07	7.07	Miles	Apr/01/2018	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	Watershed Plan (5W)
Hay Creek (T28N, R5W)	RIVER	16116	2133300	Chippewa	21.4	26.47	5.07	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Hay Creek (T28n,R14w)	RIVER	15668	2067000	Dunn	0	4.2	4.2	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Hay River	RIVER	1500711	2068600	Barron	37.68	63.98	26.3	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Hay River	RIVER	15684	2068600	Barron, Dunn	0	37.68	37.68	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Hayden Creek	RIVER	14228	1713600	Jackson	0	3.69	3.69	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Hefty Creek, Center Branch	RIVER	13643	882200	Green	0	5.24	5.24	Miles	Apr/01/2014	NPS	Sediment/Total	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Hefty Creek, South Branch	RIVER	13642	882000	Green	0	4.04	4.04	Miles	Apr/01/2014	NPS	Sediment/Total	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Heins Creek	RIVER	18081	98400	Door	0	0.76	0.76	Miles	Apr/01/2020	NPS	Unknown Pollut	Elevated Water Temperature	Proposed for List	Low	Natural Conditions (5C)
Hemlock Lake	LAKE	16230	1853400	Chippewa			29.62	Acres	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Hemlock Lake	LAKE	128137	989200	Oneida			37.99	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Hemlock Slough	LAKE	424051	1286100	Sauk			22.34	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown, Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
Herby Lake	LAKE	16624	2468900	Polk			62.62	Acres	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Hidden Valley Lake	LAKE	6861331	903450	Lafayette			22.39	Acres	Apr/01/2018	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
High Falls Reservoir	IMPOUNDMENT	18285	540600	Marinette			1498	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Hika Park Bay Beach, Lake Michigan	GREAT LAKES BEACH	481845	20	Manitowoc	0	0.2	0.2	Miles	Apr/01/1998	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Hill Slough West	RIVERINE BACKWATER	3991220	1241200	#N/A			10.09	Acres	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Hodstradt Lake	LAKE	128143	990700	Oneida			119.44	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Hog Island Inlet	BAY/HARBOR	891512	2751300	Douglas			18.51	Acres	Apr/01/1998	Contam. Sed.	Unspecified Met	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Hog Island Inlet	BAY/HARBOR	891512	2751300	Douglas			18.51	Acres	Apr/01/1998	Contam. Sed.	Foam/Flocs/Scu	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Hog Island Inlet	BAY/HARBOR	891512	2751300	Douglas			18.51	Acres	Apr/01/1998	Contam. Sed.	PAHs	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Holcombe Flowage North	IMPOUNDMENT	18659	2184900	Chippewa, Rusk			1541.92	Acres	Apr/01/1998	NPS	Total Phosphoru	Eutrophication, Elevated pH	303d Listed	Low	TMDL Needed (5A)
Holcombe Flowage North	IMPOUNDMENT	18659	2184900	Chippewa, Rusk			1541.92	Acres	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Holly Lake, Upper (Holly)	LAKE	15376	2394600	Sawyer			32.95	Acres	Apr/01/2016	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Honey Creek	RIVER	13672	892300	Green	0.62	9.88	9.26	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Honey Creek	RIVER	13672	892300	Green	0.62	9.88	9.26	Miles	Apr/01/1998	PS/NPS	Sediment/Total	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Honey Creek	RIVER	352889	892300	Green	9.88	16.48	6.6	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Honey Creek	RIVER	352889	892300	Green	9.88	16.48	6.6	Miles	Apr/01/1998	PS/NPS	Sediment/Total	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Honey Creek	RIVER	10021	16300	Milwaukee	0	8.96	8.96	Miles	Apr/01/2018	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Honey Creek	RIVER	13455	1253900	Sauk	0	25.53	25.53	Miles	Apr/01/2012	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Honey Creek	RIVER	13456	1253900	Sauk	25.54	30.46	4.92	Miles	Apr/01/2014	PS/NPS	Unknown Pollut	Degraded Biological Community, Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Honey Creek	RIVER	10486	751500	Walworth	18.91	24.03	5.12	Miles	Apr/01/2014	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Honey Creek	RIVER	6776684	751500	Walworth	12.2	17.84	5.64	Miles	Apr/01/2018	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Hoods Creek	RIVER	10534	3100	Racine	0	9.7	9.7	Miles	Apr/01/2018	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	Watershed Plan (5W)
Hooker Lake	LAKE	10425	738400	Kenosha			103.26	Acres	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown, Excess Algal Growth	Proposed for List	Medium	TMDL Needed (5A)
Hoopers Millpond	IMPOUNDMENT	11384	830300	Jefferson			18.73	Acres	Apr/01/1998	Contam. Sed.	PCBs	PCB Contaminated Sediments	303d Listed	Low	TMDL Needed (5A)
Horse Lake	LAKE	16457	2616200	Polk			221.29	Acres	Apr/01/2018	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Horseshoe Lake	LAKE	16574	2630100	Barron, Polk			398.08	Acres	Apr/01/2016	PS/NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Horseshoe Lake	LAKE	14519	1854300	Chippewa			26.73	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Hudson Park Beach	INLAND BEACH	1488247	804600	Dane	0	0.2	0.2	Miles	Apr/01/2014	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Hulls Lake	LAKE	14303	1762700	Taylor			67.26	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown, Excess Algal Growth	303d Listed	Low	Natural Conditions (5C)
Husher Creek (Hoosier)	RIVER	18118	3500	Racine	0	3.4	3.4	Miles	Apr/01/2012	Unknown	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	Watershed Plan (5W)
Indian Creek	RIVER	10005	19600	Milwaukee	0	2.63	2.63	Miles	Apr/01/1998	NPS	Unspecified Met	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Indian Creek	RIVER	10005	19600	Milwaukee	0	2.63	2.63	Miles	Apr/01/2018	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Indian Creek	RIVER	13316	1219700	Richland	0	3.85	3.85	Miles	Apr/01/2018	NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	Natural Conditions (5C)
Indian Lake	LAKE	11698	1249000	Dane			64.16	Acres	Apr/01/2020	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	Proposed for List	Medium	TMDL Needed (5A)
Inlet of Lake Ripley	RIVER	5476766	809700	Jefferson	0	3.62	3.62	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Irish Creek	RIVER	11569	861600	Dodge	0	3.79	3.79	Miles	Apr/01/2006	NPS	Ammonia (Unio	Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Irvin Creek	RIVER	14392	1792200	Trempealeau	0	5.31	5.31	Miles	Apr/01/2014	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Irving Lake (Ballard Chain)	LAKE	15236	2340900	Vilas			418.66	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Island Lake (Three Lakes Chain)	LAKE	128153	1610500	Oneida			304.52	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Island Lake T44 R1e S25	LAKE	891296	2945500	Iron			344.25	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Jack Creek	RIVER	14259	1748000	Clark	0	12.16	12.16	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Jackson Creek	RIVER	11619	793800	Walworth	0	2.89	2.89	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	Watershed Plan (5W)
Jackson Lake	LAKE	17444	2734200	Bayfield			149.45	Acres	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Jag Lake	LAKE	15126	1855900	Vilas			161.71	Acres	Apr/01/1998	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Jambo Creek	RIVER	10146	84300	Kewaunee	8.1	10.1	2	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Jarrett Creek at Schneider Ave	RIVER	3991015	2067800	Dunn	0	2.65	2.65	Miles	Apr/01/2016	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	Watershed Plan (5W)
Jersey Valley Lake	LAKE	13167	1191600	Vernon			51.83	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Jetzers Creek Tributary	RIVER	948890	62600	Sheboygan	0	3.53	3.53	Miles	Apr/01/2018	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Johnson Coulee Creek	RIVER	14059	1676400	La Crosse	0	2.26	2.26	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Jordan Creek	RIVER	13680	895000	Green	0	6	6	Miles	Apr/01/2010	NPS	Sediment/Total	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Jordon Creek	RIVER	18046	80200	Calumet	0	1.36	1.36	Miles	Apr/01/2002	Contam. Sed.	PCBs	PCB Contaminated Sediments, PCBs Contaminated Fish Tissue	303d Listed	Low	Watershed Plan (5W)
Juda Branch	RIVER	13614	877500	Green	0	4.43	4.43	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Juda Branch	RIVER	13614	877500	Green	0	4.43	4.43	Miles	Apr/01/2016	Habitat/Physical	Sediment/Total	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Julia Lake	LAKE	128160	1614300	Forest, Oneida			404.22	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Keenans Creek	RIVER	5513171	803500	Dane	2	4.1	2.1	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Kelsey Br	RIVER	13839	936600	Lafayette	0	2	2	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Kentuck Lake	LAKE	128505	716800	Forest, Vilas			1001.15	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Kentuck Lake	LAKE	128505	716800	Forest, Vilas			1001.15	Acres	Apr/01/2014	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Kewaunee Inner Harbor	BAY/HARBOR	482755	90700	Kewaunee			36.43	Acres	Apr/01/1998	Contam. Sed.	Unspecified Met	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Kewaunee Inner Harbor	BAY/HARBOR	482755	90700	Kewaunee			36.43	Acres	Apr/01/1998	Other	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Kewaunee River	RIVER	482871	90700	Brown, Kewaunee	16.36	27.89	11.53	Miles	Apr/01/2020	NPS	Total Phosphoru	High Phosphorus Levels	Addition	High	TMDL Needed (5A)
Kewaunee River	RIVER	482871	90700	Brown, Kewaunee	16.36	27.89	11.53	Miles	Apr/01/1998	Other	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Kewaunee River	RIVER	10170	90700	Kewaunee	13.51	16.36	2.85	Miles	Apr/01/1998	Other	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Kewaunee River	RIVER	18061	90700	Kewaunee	2.63	13.51	10.88	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Addition	High	Phosphorus Listed (5P)
Kewaunee River	RIVER	18061	90700	Kewaunee	2.63	13.51	10.88	Miles	Apr/01/2006	Other	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Kewaunee River and Marsh	RIVER	10169	90700	Kewaunee	0.37	2.63	2.26	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Kewaunee River and Marsh	RIVER	10169	90700	Kewaunee	0.37	2.63	2.26	Miles	Apr/01/1998	Other	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Kewaunee River and Marsh	RIVER	10169	90700	Kewaunee	0.37	2.63	2.26	Miles	Apr/01/2020	Contam. Sed.	Arsenic	Chronic Aquatic Toxicity, Elevated Human Health Risks - Toxics	Addition	Low	TMDL Needed (5A)
Kickapoo River	RIVER	887065	1182400	Crawford	19.05	25.45	6.4	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Kickapoo River	RIVER	5782086	1182400	Monroe	112.26	119.4	7.14	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Kickapoo River	RIVER	6895701	1182400	Monroe	107.83	112.26	4.43	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Kickapoo River	RIVER	13169	1182400	Monroe, Richland, Vernon	61.03	91.14	30.11	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Kickapoo River	RIVER	8103962	1182400	#N/A	91.14	107.83	16.69	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Killsnake River	RIVER	18043	78200	Calumet	0	19.73	19.73	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Killsnake River	RIVER	18043	78200	Calumet	0	19.73	19.73	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Kinnickinnic River	RIVER	9973	15100	Milwaukee	0	3.16	3.16	Miles	Apr/01/1998	Contam. Sed.	Unspecified Met	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Kinnickinnic River	RIVER	9973	15100	Milwaukee	0	3.16	3.16	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Kinnickinnic River	RIVER	9974	15100	Milwaukee	3.16	5.49	2.33	Miles	Apr/01/2014	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Kinnickinnic River	RIVER	3899425	15100	Milwaukee	5.49	9.93	4.44	Miles	Apr/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Klawitter Creek	RIVER	10713	164900	Marquette	0	3.75	3.75	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Krok Creek	RIVER	10162	86700	Kewaunee	0	0.68	0.68	Miles	Apr/01/2012	Unknown	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Krok Creek	RIVER	903433	86700	Kewaunee	0.68	3.33	2.65	Miles	Apr/01/2012	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Kuenster Creek	RIVER	13910	957900	Grant	0	1	1	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Kuenster Creek	RIVER	18564	957900	Grant	1	9.86	8.86	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Kummel Creek	RIVER	11592	863500	Dodge	0	10.38	10.38	Miles	Apr/01/2006	PS/NPS	Ammonia (Unio	Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
La Crosse River	RIVER	14023	1650200	La Crosse, Monroe	0	17.84	17.84	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
La Crosse River	RIVER	8104155	1650200	#N/A	19.7	29.3	9.6	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
La Crosse River	RIVER	8104212	1650200	#N/A	29.3	40.19	10.89	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
La Crosse River Marsh	WETLANDS	32450	5561990	La Crosse			29.24	Acres	Apr/01/2020	Contam. Sed.	Lead	Lead Contaminated Sediments	Proposed for List	Low	TMDL Needed (5A)
La Crosse River Marsh	WETLANDS	34407	5562016	La Crosse			3.05	Acres	Apr/01/2020	Contam. Sed.	Lead	Lead Contaminated Sediments	Proposed for List	Low	TMDL Needed (5A)
Lac Courte Oreilles	LAKE	15368	2390800	Sawyer			5139.54	Acres	Apr/01/2018	NPS	Unknown Pollut	Low DO	303d Listed	Low	TMDL Needed (5A)
Lac La Belle	LAKE	11489	848800	Waukesha			1153.74	Acres	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Addition	Low	Phosphorus Listed (5P)
Lac La Belle	LAKE	11489	848800	Waukesha			1153.74	Acres	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lac Sault Dore (Soo Lake)	LAKE	14708	2236800	Price			600.83	Acres	Apr/01/2012	PS/NPS	Total Phosphoru	Impairment Unknown, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Lake Alice	IMPOUNDMENT	127972	1555900	Lincoln			1438.32	Acres	Apr/01/1998	Other	BOD, sediment l	Low DO	303d Listed	Low	TMDL Needed (5A)
Lake Altoona	LAKE	16084	2128100	Eau Claire			719.87	Acres	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Lake Arrowhead	IMPOUNDMENT	1851405	1377700	Adams			295.11	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Lake Chetac	LAKE	16054	2113300	Sawyer			2399.64	Acres	Apr/01/2014	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Lake Content	LAKE	128514	1592000	Vilas			239.01	Acres	Apr/01/2014	NPS	Total Phosphoru	Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
Lake Desair	LAKE	15983	2104500	Barron			79.48	Acres	Apr/01/1998	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Lake Desair	LAKE	15983	2104500	Barron			79.48	Acres	Apr/01/1998	NPS	Sediment/Total	Eutrophication	303d Listed	Low	Watershed Plan (5W)
Lake George	IMPOUNDMENT	15644	2059800	Pierce, St. Croix			134.55	Acres	Apr/01/2002	NPS	Total Phosphoru	Elevated pH	303d Listed	Low	TMDL Needed (5A)
Lake Lorraine	LAKE	11774	777500	Walworth			63.27	Acres	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Lake Michigan	GREAT LAKES SHORELINE	892521	20	Door, Kenosha, Kewaunee, Manitowoc, Milwaukee, Ozaukee, Racine, Sheboygan	0	261.05	261.05	Miles	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Lake Michigan	GREAT LAKES SHORELINE	892521	20	Door, Kenosha, Kewaunee, Manitowoc, Milwaukee, Ozaukee, Racine, Sheboygan	0	261.05	261.05	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lake Mohawksin	IMPOUNDMENT	127977	1515400	Lincoln			1508.34	Acres	Apr/01/1998	Other	BOD, sediment l	Low DO	303d Listed	Low	TMDL Needed (5A)
Lake Montanis	LAKE	15975	2103200	Barron			211.68	Acres	Apr/01/2018	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Lake Nebagamon	LAKE	20304	2865000	Douglas			985.56	Acres	Apr/01/2010	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Lake of The Woods	LAKE	16585	2632100	Barron			46.35	Acres	Apr/01/2020	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	Proposed for List	Low	Watershed Plan (5W)
Lake Pepin	LAKE	4704964	731800	Buffalo, Pepin, Pierce			25502.82	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Lake Shangrila	LAKE	10417	734700	Kenosha			73.93	Acres	Apr/01/2018	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Medium	Watershed Plan (5W)
Lake Sherwood	IMPOUNDMENT	1851420	1377900	Adams			214.71	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Lake Superior	GREAT LAKES SHORELINE	892439	2751220	Douglas	0	186.01	186.01	Miles	Apr/01/2006	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Lake Superior	GREAT LAKES SHORELINE	892439	2751220	Douglas	0	186.01	186.01	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lake Superior (mouth of Bois Brule River)	LAKE	1855784	2751220	Douglas			66.09	Acres	Apr/01/2006	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Lake Superior (mouth of Bois	LAKE	1855784	2751220	Douglas			66.09	Acres	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lake Thirty	LAKE	15875	2099900	Barron			75.5	Acres	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Lake Three	LAKE	891194	2915800	Ashland			61.4	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Lake Wingra	LAKE	11667	805000	Dane			336.28	Acres	Apr/01/2012	Unknown	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lake Wisconsin	IMPOUNDMENT	13500	1260600	Columbia, Sauk			7197.26	Acres	Apr/01/1998	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lake Wisconsin	IMPOUNDMENT	13500	1260600	Columbia, Sauk			7197.26	Acres	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lakes Of The Pines (Pickerel)	LAKE	14844	2275300	Sawyer			272.73	Acres	Apr/01/2018	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Lannon Creek	RIVER	424314	773700	Waukesha	0	5.48	5.48	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Largon Lake	LAKE	16784	2668100	Polk			134.84	Acres	Apr/01/2020	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	Proposed for List	Low	Watershed Plan (5W)
Laurel Lake (Three Lakes Chain)	LAKE	128175	1611800	Oneida			248.65	Acres	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	TMDL Development	High	TMDL Needed (5A)
Laurel Lake (Three Lakes Chain)	LAKE	128175	1611800	Oneida			248.65	Acres	Apr/01/2018	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Lazy Lake (Fall R Millpond)	LAKE	11442	843400	Columbia			206	Acres	Apr/01/2012	PS/NPS	Total Phosphoru	High Phosphorus Levels, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Leech Creek	RIVER	12980	1271600	Sauk	4.42	7.82	3.4	Miles	Apr/01/2018	NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Leota Lake	LAKE	902198	884700	Rock			35.65	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels, Excess Algal Growth	303d Listed	Medium	TMDL Needed (5A)
Lilly Creek	RIVER	10042	18400	Waukesha	0	4.7	4.7	Miles	Apr/01/2016	NPS	Chloride	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Lily River	RIVER	10555	370900	Forest, Langlade	0	9.51	9.51	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Limestone Creek	RIVER	11602	866800	Washington	1.67	4.5	2.83	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Lincoln Creek	RIVER	9999	19400	Milwaukee	0	9.7	9.7	Miles	Apr/01/1998	Other	Unspecified Met	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Lincoln Creek	RIVER	9999	19400	Milwaukee	0	9.7	9.7	Miles	Apr/01/2012	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lincoln Creek	RIVER	9999	19400	Milwaukee	0	9.7	9.7	Miles	Apr/01/1998	Other	PAHs	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Lincoln Creek	RIVER	9999	19400	Milwaukee	0	9.7	9.7	Miles	Apr/01/2014	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Lipsett Lake	LAKE	16977	2678100	Burnett			392.62	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Little Arbor Vitae Lake	LAKE	128524	1545300	Vilas			479.9	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	TMDL Development	High	Natural Conditions (5C)
Little Bear Creek	RIVER	15571	2048000	Buffalo	0	4.35	4.35	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Little Bear Creek	RIVER	18505	1234700	Richland, Sauk	0	6.77	6.77	Miles	Apr/01/2010	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Little Bear Creek	RIVER	18505	1234700	Richland, Sauk	0	6.77	6.77	Miles	Apr/01/2010	NPS	Sediment/Total	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Little Bearskin Lake	LAKE	128180	1523500	Oneida			184.08	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	TMDL Development	High	Natural Conditions (5C)
Little Beaver Creek	RIVER	15691	2076300	Dunn	0	6.97	6.97	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Little Black River	RIVER	14317	1765300	Taylor	0	7.55	7.55	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Little Crooked Lake	LAKE	128530	2335500	Vilas			153.68	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Little Door Creek	RIVER	11645	802900	Dane	0	5.93	5.93	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Little Dummy Lake	LAKE	15835	1861400	Barron			42.69	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Little Fork Lake (Three Lakes Chain)	LAKE	128181	1610600	Oneida			336.42	Acres	Apr/01/2018	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Little Friess Lake	LAKE	11509	853100	Washington			16.17	Acres	Apr/01/2020	NPS	Unknown Pollut	Excess Algal Growth	Proposed for List	Low	TMDL Needed (5A)
Little La Crosse River	RIVER	14008	1655900	Monroe	0	10.25	10.25	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Little Menomonee	RIVER	10038	17600	Milwaukee, Ozaukee	0	9	9	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Little Menomonee	RIVER	10038	17600	Milwaukee, Ozaukee	0	9	9	Miles	Apr/01/2016	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Little Menomonee River	RIVER	10039	17900	Ozaukee	0	3.9	3.9	Miles	Apr/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Little Otter Creek	RIVER	18834	2147300	Chippewa, Clark	0	4.89	4.89	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	Watershed Plan (5W)
Little Platte River	RIVER	1527892	943800	Grant	0	33.98	33.98	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Little Plum Creek	RIVER	1468583	2051000	Pepin	0	4.67	4.67	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Little Rice Flowage	LAKE	10668	406400	Forest			1200.57	Acres	Apr/01/2010	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Little River	RIVER	10881	441300	Oconto	0	9.95	9.95	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Little Saint Germain Lake North and East Lobes	LAKE	8128745	1596300	#N/A			446.48	Acres	Apr/01/2020	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	Proposed for List	High	TMDL Needed (5A)
Little Sand Lake	LAKE	16827	2661600	Barron			94.21	Acres	Apr/01/2016	PS/NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Little Sand Lake	LAKE	10609	389700	Forest, Langlade			236.96	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Little Suamico River	RIVER	10862	411800	Brown, Oconto, Shawano	0	23.78	23.78	Miles	Apr/01/2014	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Little Sugar River	RIVER	13633	880100	Green	0	19.76	19.76	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Little Sugar River, West Branch	RIVER	13639	881400	Green	0	6.87	6.87	Miles	Apr/01/2014	NPS	Sediment/Total	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Little Turtle Creek	RIVER	1493752	791700	Rock, Walworth	1.03	7.34	6.31	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Little Vance Creek	RIVER	15698	2077300	Barron,Dunn	0	2.38	2.38	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Little Waumandee Creek	RIVER	14446	1810300	Buffalo	0	11	11	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Little Willow Creek	RIVER	13349	1221300	Richland	0	7.73	7.73	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Little Willow Creek	RIVER	13349	1221300	Richland	0	7.73	7.73	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Little Yellow Lake	LAKE	16927	2674800	Burnett			332.39	Acres	Apr/01/2014	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Livingston Branch	RIVER	13828	932700	Iowa	0	11.62	11.62	Miles	Apr/01/1998	NPS	BOD	Low DO	303d Listed	Low	TMDL Needed (5A)
Livingston Branch	RIVER	13828	932700	Iowa	0	11.62	11.62	Miles	Apr/01/1998	NPS	Ammonia (Unio	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Livingston Branch	RIVER	13828	932700	Iowa	0	11.62	11.62	Miles	Apr/01/1998	NPS	Total Phosphoru	Low DO, Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Local Water	RIVER	5738017	5006245	Barron	0	0.45	0.45	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	Watershed Plan (5W)
Local Water	RIVER	5690388	125200	Brown, Outagamie	0	9.39	9.39	Miles	Apr/01/2018	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	Watershed Plan (5W)
Local Water	RIVER	3993990	3000558	Brown, Shawano	0	5	5	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Local Water	RIVER	3993962	5022162	Calumet, Outagamie	0	4.71	4.71	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	Watershed Plan (5W)
Local Water	RIVER	5558313	2145200	Clark	0	3.64	3.64	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	Watershed Plan (5W)
Local Water	RIVER	5558351	2145000	Clark	0	6.68	6.68	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Local Water	RIVER	5727823	5035112	Crawford	0	1.6	1.6	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Local Water	RIVER	3991618	870800	Fond Du Lac	0	7.87	7.87	Miles	Apr/01/2016	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Local Water	RIVER	3991645	870400	Fond Du Lac	0	7.3	7.3	Miles	Apr/01/2016	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Local Water	RIVER	3992145	5026964	Fond Du Lac	0	3.26	3.26	Miles	Apr/01/2018	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Local Water	RIVER	5729011	5027792	Juneau	0	2.82	2.82	Miles	Apr/01/2018	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Local Water	RIVER	3894716	737350	Kenosha	0	1.49	1.49	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Local Water	RIVER	5534458	3000211	Kewaunee	0	3.38	3.38	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Local Water	RIVER	3992057	917800	Lafayette	0	2.46	2.46	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Local Water	RIVER	3994857	5020832	Manitowoc	0	6.37	6.37	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Local Water	RIVER	3987930	3000042	Milwaukee	0	1.05	1.05	Miles	Apr/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Local Water	RIVER	3996336	6300	Milwaukee, Waukesha	0	4.18	4.18	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Local Water	RIVER	5721815	1202100	Monroe	0	1.44	1.44	Miles	Apr/01/2018	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Local Water	RIVER	3992334	441100	Oconto	0	2.57	2.57	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Local Water	RIVER	3994803	5010743	Oconto	0	5.06	5.06	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	Watershed Plan (5W)
Local Water	RIVER	3991787	2450	Racine	0	0.58	0.58	Miles	Apr/01/2016	NPS	Chloride	Chronic Aquatic Toxicity	303d Listed	Low	Watershed Plan (5W)
Local Water	RIVER	3995025	4350	Racine	0	4.34	4.34	Miles	Apr/01/2020	NPS	Total Phosphoru	High Phosphorus Levels	Proposed for List	Medium	Watershed Plan (5W)
Local Water	RIVER	338119	795500	Rock	0	9.54	9.54	Miles	Apr/01/2020	PS/NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Local Water	RIVER	5727989	5033787	Sauk	0	3.34	3.34	Miles	Apr/01/2018	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Local Water	RIVER	3991895	771800	Waukesha	0	4.45	4.45	Miles	Apr/01/2020	PS/NPS	Chloride	Chronic Aquatic Toxicity	Proposed for List	Low	TMDL Needed (5A)
Local Water	RIVER	5690951	5020187	#N/A	0	3.94	3.94	Miles	Apr/01/2020	NPS	Total Phosphoru	High Phosphorus Levels	Proposed for List	High	TMDL Needed (5A)
Local Water	RIVER	5735177	867800	#N/A	0	3.72	3.72	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Lomira Creek	RIVER	18236	864100	Dodge	0	5.37	5.37	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Long Coulee Creek	RIVER	14057	1676100	La Crosse	0	5.29	5.29	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Long Lake	LAKE	14556	2351400	Chippewa			935.72	Acres	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Long Lake	LAKE	127980	1001000	Lincoln			119.21	Acres	Apr/01/2012	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Long Lake	LAKE	128190	1001300	Oneida			112.9	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Long Lake	LAKE	15992	2106800	Washburn			3478	Acres	Apr/01/2014	NPS	Total Phosphoru	Eutrophication, High Phosphorus Levels	303d Listed	Low	Watershed Plan (5W)
Long Lake (Big Long)	LAKE	18042	77500	Manitowoc			127.28	Acres	Apr/01/2010	NPS	Total Phosphoru	Eutrophication, Degraded Biological Community, Excess Algal Growth	303d Listed	Medium	Watershed Plan (5W)
Long Lake (Three Lakes Chain)	LAKE	128193	1609000	Oneida			604.27	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Long Lake Br	RIVER	17655	2894900	Bayfield	0	16.92	16.92	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Long Lake Branch	RIVER	1494187	2894900	Bayfield	16.92	22.29	5.37	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Long Lake T34n R17w S06	LAKE	16477	2478200	Polk			273.34	Acres	Apr/01/2014	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Long Lake T48 R5w S6	LAKE	890956	2767200	Bayfield			32.08	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Long Trade Lake	LAKE	16678	2640500	Polk			150.49	Acres	Apr/01/2012	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Loretta Lake (Burnett Flowage)	IMPOUNDMENT	15330	2382700	Sawyer			12	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Lost Creek	RIVER	16302	2438300	Pepin	0	8	8	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Lost Creek	RIVER	16559	2627100	Polk	0	0.66	0.66	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Lost Lake	LAKE	11419	837100	Dodge			246.99	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Lost Lake	LAKE	424519	1407000	Marathon			42.07	Acres	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	TMDL Development	High	TMDL Needed (5A)
Lost Lake on Ranch Creek	LAKE	35458	5586673	Monroe			18.25	Acres	Apr/01/2014	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Lotus Lake	LAKE	16460	2616900	Polk			236.88	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Lotus Lake Outlet	RIVER	5476648	5006441	Polk	0	1.74	1.74	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Louisburg Cr	RIVER	13856	943000	Grant	0	5.26	5.26	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Loveless Lake (Bass)	LAKE	18885	2620000	Polk			131.5	Acres	Apr/01/2016	PS/NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Lower Barstow Impoundment	IMPOUNDMENT	296926	771600	Waukesha			28.18	Acres	Apr/01/1998	PS/NPS	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lower Barstow Impoundment	IMPOUNDMENT	296926	771600	Waukesha			28.18	Acres	Apr/01/2016	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lower Barstow Impoundment	IMPOUNDMENT	296926	771600	Waukesha			28.18	Acres	Apr/01/1998	PS/NPS	Total Phosphoru	Low DO, Turbidity	303d Listed	Low	TMDL Needed (5A)
Lower Barstow Impoundment	IMPOUNDMENT	296926	771600	Waukesha			28.18	Acres	Apr/01/1998	PS/NPS	Sediment/Total	Low DO, Turbidity	303d Listed	Low	TMDL Needed (5A)
Lower Buckatabon Lake	LAKE	128547	1621000	Vilas			378.17	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	TMDL Development	High	Natural Conditions (5C)
Lower Devils Lake	LAKE	15907	1864000	Barron			131.42	Acres	Apr/01/2012	PS/NPS	Total Phosphoru	Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Lower Fox River (Appleton Dam To L. Winnebago Outlet)	RIVER	357364	117900	Outagamie, Winnebago	32.18	40.09	7.91	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lower Fox River (Depere Dam To Middle Appleton Dam)	RIVER	357301	117900	Brown, Outagamie	7.39	32.18	24.79	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Lower Fox River (Mouth To Depere Dam)	RIVER	10678	117900	Brown	0	7.39	7.39	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCB Contaminated Sediments, PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lower Koshkonong Creek	RIVER	304950	808800	Dane, Jefferson	0	27.27	27.27	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Lower Merrillan Pond	LAKE	18613	1711500	Jackson			38.03	Acres	Apr/01/1998	NPS	Total Phosphoru	Eutrophication, Elevated pH	303d Listed	Low	TMDL Needed (5A)
Lower Nemadji River	RIVER	17456	2835300	Douglas	0	38.2	38.2	Miles	Apr/01/2010	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Lower Pine Creek	RIVER	1457751	2085300	Barron, Dunn	14	17.24	3.24	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Lower Pine Creek	RIVER	15755	2085300	Dunn	0	6.99	6.99	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Lower Turtle Lake	LAKE	15710	2079700	Barron			285.89	Acres	Apr/01/2010	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Lowes Creek	RIVER	16354	2123900	Eau Claire	0.69	12	11.31	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Ludden Lake	IMPOUNDMENT	310696	930700	Iowa			56.28	Acres	Apr/01/2018	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Medium	TMDL Needed (5A)
Ludowissi L Br To Sauk Creek	RIVER	894870	49700	Ozaukee	0	4.81	4.81	Miles	Apr/01/2018	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Luxemburg Creek	RIVER	18072	92100	Kewaunee	0	4.25	4.25	Miles	Apr/01/2020	NPS	Total Phosphoru	Degraded Biological Community	Proposed for List	High	TMDL Needed (5A)
Lyman Lake	LAKE	890854	2856400	Douglas			370.45	Acres	Apr/01/2002	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Lynx Lake	LAKE	128549	2954500	Vilas			307.2	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Mack (Brown. Spring) Creek	RIVER	10312	267300	Portage	0	1.96	1.96	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Madden Br	RIVER	13847	939100	Lafayette	0	7.69	7.69	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Magnor Lake (Richardson)	LAKE	16596	2624600	Polk			229.36	Acres	Apr/01/2010	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Mallalieu Lake	IMPOUNDMENT	16400	2607100	St. Croix			289.08	Acres	Apr/01/2004	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth, Elevated pH	TMDL Development	High	Watershed Plan (5W)
Manitowoc R. So. Branch	RIVER	3990110	77900	Calumet, Fond Du Lac	12.64	36.58	23.94	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Manitowoc R. So. Branch	RIVER	9924	77900	Calumet, Manitowoc	0	12.64	12.64	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Manitowoc R. So. Branch	RIVER	9924	77900	Calumet, Manitowoc	0	12.64	12.64	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCB Contaminated Sediments, PCBs Contaminated Fish Tissue	303d Listed	Low	Watershed Plan (5W)
Manitowoc R. So. Branch	RIVER	9924	77900	Calumet, Manitowoc	0	12.64	12.64	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Manitowoc River	RIVER	482116	71000	Calumet, Manitowoc	20.74	35.81	15.07	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCB Contaminated Sediments, PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Manitowoc River	RIVER	482064	71000	Manitowoc	2.03	20.74	18.71	Miles	Apr/01/2002	Contam. Sed.	PCBs	PCB Contaminated Sediments, PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Manitowoc River	RIVER	482064	71000	Manitowoc	2.03	20.74	18.71	Miles	Apr/01/2012	Unknown	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Manitowoc River (Main Stem)	RIVER	9882	71000	Manitowoc	0	2.02	2.02	Miles	Apr/01/2002	Contam. Sed.	PCBs	PCB Contaminated Sediments, PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Manitowoc River (Main Stem)	RIVER	9882	71000	Manitowoc	0	2.02	2.02	Miles	Apr/01/2002	Contam. Sed.	PAHs	PAHs Contaminated Sediments	303d Listed	Low	TMDL Needed (5A)
Marengo River	RIVER	17712	2911900	Ashland, Bayfield	11.74	38.51	26.77	Miles	Apr/01/2016	PS/NPS	Fecal Coliform	Recreational Restrictions - Pathogens	303d Listed	Low	Watershed Plan (5W)
Marinuka Lake	LAKE	14080	1678200	Trempealeau			116.56	Acres	Apr/01/2010	NPS	Total Phosphoru	Eutrophication, Impairment Unknown	303d Listed	Low	TMDL Needed (5A)
Marlowe Branch	RIVER	18565	959400	Grant	0	5.83	5.83	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Marsh Creek	RIVER	13346	1252900	Dane	0	4.29	4.29	Miles	Apr/01/2018	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Martinville Cr	RIVER	13887	955100	Grant	0	2.6	2.6	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Martinville Cr	RIVER	13887	955100	Grant	0	2.6	2.6	Miles	Apr/01/2014	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Martinville Cr	RIVER	13888	955100	Grant	2.59	5.05	2.46	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Martinville Cr	RIVER	13888	955100	Grant	2.59	5.05	2.46	Miles	Apr/01/2014	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Mary Park Beach	INLAND BEACH	3894231	2608800	St. Croix	0	0.01	0.01	Miles	Apr/01/2012	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	Watershed Plan (5W)
Maslowski Beach, Lake Superior	GREAT LAKES BEACH	1452812	2751220	Ashland	0	0.87	0.87	Miles	Apr/01/2016	PS/NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Master Disposal Drainage Channel	RIVER	424266	773300	Waukesha	0	0.99	0.99	Miles	Apr/01/1998	Contam. Sed.	Unknown Pollut	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Mauthe Lake	LAKE	11324	38200	Fond Du Lac			70.19	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Mcgrath Lake	LAKE	128215	1003900	Oneida			51.08	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Mckeith Lake	LAKE	16628	2481500	Polk			73.36	Acres	Apr/01/2020	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	Proposed for List	Low	Watershed Plan (5W)
Mckenzie Creek	RIVER	14289	1756900	Taylor	0	16.74	16.74	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Mckenzie Lake, Middle	LAKE	17194	2706500	Burnett,Washburn			527.06	Acres	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Mckinley Beach, Lake Michigan	GREAT LAKES BEACH	481498	20	Milwaukee	0	0.59	0.59	Miles	Apr/01/2020	PS/NPS	E. coli	Recreational Restrictions - Pathogens	Proposed for List	Low	TMDL Needed (5A)
Meadow Brook Creek	RIVER	3991922	772300	Waukesha	0	3.14	3.14	Miles	Apr/01/2018	NPS	Chloride	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Meadow Creek	RIVER	14660	2227900	Rusk	0	5	5	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Medicine Lake (Three Lakes Chain)	LAKE	128218	1611700	Oneida			395.87	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	TMDL Development	High	Natural Conditions (5C)
Medicine Lake (Three Lakes Chain)	LAKE	128218	1611700	Oneida			395.87	Acres	Apr/01/2018	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Meeme R.	RIVER	207459	62900	Manitowoc	0	11.67	11.67	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Mendota County Park Beach	INLAND BEACH	5475513	-1	Dane			0.15	Miles	Apr/01/2016	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Mendota County Park Beach	INLAND BEACH	6980949	805400	Dane	0	0.02	0.02	Miles	Apr/01/2016	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Mendota Lake	LAKE	11672	805400	Dane			9780.93	Acres	Apr/01/1998	Other	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Menominee River	RIVER	12050	609000	Marinette	0	3.45	3.45	Miles	Apr/01/1998	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Menominee River	RIVER	12050	609000	Marinette	0	3.45	3.45	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Menominee River	RIVER	12089	609000	Marinette	3.45	43.04	39.59	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Menominee River	RIVER	12090	609000	Marinette	43.04	88.15	45.11	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Menomonee River	RIVER	10017	16000	Milwaukee	2.66	6.27	3.61	Miles	Apr/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Menomonee River	RIVER	426506	16000	Milwaukee	0	2.67	2.67	Miles	Apr/01/1998	Contam. Sed.	Unspecified Met	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Menomonee River	RIVER	426506	16000	Milwaukee	0	2.67	2.67	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Menomonee River	RIVER	426506	16000	Milwaukee	0	2.67	2.67	Miles	Apr/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Menomonee River	RIVER	3884139	16000	Milwaukee, Washington, Waukesha	6.27	12.61	6.34	Miles	Apr/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Menomonee River	RIVER	8104655	16000	#N/A	12.61	24.81	12.2	Miles	Apr/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Menonminee R -Wi-Il Bd	RIVER	13853	941700	Grant	5.55	10.4	4.85	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Merrill Flowage	IMPOUNDMENT	127986	1481100	Lincoln			284.31	Acres	Apr/01/1998	Contam. Sed.	Unknown Pollut	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Messenger Creek	RIVER	18265	518400	Oconto	3.57	7.34	3.77	Miles	Apr/01/2018	NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	Natural Conditions (5C)
Meyers Valley Creek	RIVER	14353	1776700	Trempealeau	2.14	5.88	3.74	Miles	Apr/01/2014	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Michigan Boulevard Beach, Lake Michigan	GREAT LAKES BEACH	3894230	20	Racine	0	0.18	0.18	Miles	Apr/01/2012	Unknown	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	Watershed Plan (5W)
Middle Branch Of O'Neill Creek	RIVER	14266	1749700	Clark	0	8.08	8.08	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Middle River Beach, Lake Superior	GREAT LAKES BEACH	1489001	2751220	Douglas	0	0.5	0.5	Miles	Apr/01/2016	PS/NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Mill Creek	RIVER	11412	835500	Dodge	0	3	3	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Mill Creek	RIVER	11412	835500	Dodge	0	3	3	Miles	Apr/01/2014	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Mill Creek	RIVER	11571	867700	Dodge	0	10.8	10.8	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Mill Creek	RIVER	13418	1242200	Iowa	0	15.78	15.78	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Mill Creek	RIVER	14109	1688500	Jackson	2.5	5.46	2.96	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Mill Creek	RIVER	13296	1215600	Richland	0	15.45	15.45	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Milun Creek	RIVER	13660	886300	Dane	0	2.44	2.44	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Milwaukee Harbor	RIVER	426424	15010	Milwaukee	0	0.32	0.32	Miles	Apr/01/1998	Contam. Sed.	Unspecified Met	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Milwaukee Harbor	RIVER	426424	15010	Milwaukee	0	0.32	0.32	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Milwaukee River	RIVER	481605	15000	Fond Du Lac, Washington	68.5	103.34	34.84	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Milwaukee River	RIVER	426339	15000	Milwaukee	0	2.9	2.9	Miles	Apr/01/1998	Contam. Sed.	Unspecified Met	Unspecified Metals Contaminated Sediments	303d Listed	Low	TMDL Needed (5A)
Milwaukee River	RIVER	426339	15000	Milwaukee	0	2.9	2.9	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCB Contaminated Sediments, PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Milwaukee River	RIVER	426381	15000	Milwaukee, Ozaukee	2.9	19.35	16.45	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Milwaukee River	RIVER	426381	15000	Milwaukee, Ozaukee	2.9	19.35	16.45	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Milwaukee River	RIVER	481566	15000	Ozaukee, Washington	29.33	68.5	39.17	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Mineral Lake	LAKE	891211	2916900	Ashland			227.06	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Mineral Point Branch	RIVER	13810	927900	Iowa, Lafayette	0	24.51	24.51	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Minnesuing Lake	LAKE	890871	2866200	Douglas			450.24	Acres	Apr/01/2002	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Mirror Lake	LAKE	13548	1296000	Sauk			139.03	Acres	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	TMDL Development	High	Phosphorus Listed (5P)
Mississippi (Reach 1) Rush-Vermillion - St. Croix R to	RIVER	892119	721000	Pepin, Pierce	763.4	811.5	48.1	Miles	Apr/01/2008	Other	PFOS	PFOS Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Mississippi (Reach 1) Rush-Vermillion - St. Croix R to	RIVER	892119	721000	Pepin, Pierce	763.4	811.5	48.1	Miles	Apr/01/1998	Other	Mercury	Impairment Unknown	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 1) Rush-Vermillion - St. Croix R to	RIVER	892119	721000	Pepin, Pierce	763.4	811.5	48.1	Miles	Apr/01/1998	Other	PCBs	Impairment Unknown, PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 1) Rush-Vermillion - St. Croix R to	RIVER	892119	721000	Pepin, Pierce	763.4	811.5	48.1	Miles	Apr/01/2012	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 1) Rush-Vermillion - St. Croix R to	RIVER	892119	721000	Pepin, Pierce	763.4	811.5	48.1	Miles	Apr/01/2008	NPS	Sediment/Total	Degraded Submerged Aquatic Vegetation (SAV)	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 2) Buffalo-Whitewater - Chippewa River to LD 6 (lower Pool 4 to Pool 6)	RIVER	892047	721000	Buffalo, La Crosse, Pepin, Trempealeau	714.2	763.4	49.2	Miles	Apr/01/2012	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Mississippi (Reach 2) Buffalo-Whitewater - Chippewa River to LD 6 (lower Pool 4 to Pool 6)	RIVER	892047	721000	Buffalo, La Crosse, Pepin, Trempealeau	714.2	763.4	49.2	Miles	Apr/01/2008	Other	PFOS	PFOS Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 2) Buffalo-Whitewater - Chippewa River to LD 6 (lower Pool 4 to Pool 6)	RIVER	892047	721000	Buffalo, La Crosse, Pepin, Trempealeau	714.2	763.4	49.2	Miles	Apr/01/1998	Other	Mercury	Impairment Unknown	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 2) Buffalo-Whitewater - Chippewa River to LD 6 (lower Pool 4 to Pool 6)	RIVER	892047	721000	Buffalo, La Crosse, Pepin, Trempealeau	714.2	763.4	49.2	Miles	Apr/01/1998	Other	PCBs	Impairment Unknown, PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 3) LaCrosse-Pine - LD 6 to Root River (Pool 7	RIVER	892011	721000	La Crosse, Trempealeau	693.7	714.2	20.5	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Mississippi (Reach 3) LaCrosse-Pine - LD 6 to Root River (Pool 7	RIVER	892011	721000	La Crosse, Trempealeau	693.7	714.2	20.5	Miles	Apr/01/1998	Other	Mercury	Impairment Unknown	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 3) LaCrosse-Pine - LD 6 to Root River (Pool 7	RIVER	892011	721000	La Crosse, Trempealeau	693.7	714.2	20.5	Miles	Apr/01/1998	Other	PCBs	Impairment Unknown, PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 4) Coon-Yellow - Pool 10 portion - Wis R to LD 9)	RIVER	891939	721000	Crawford, Grant	630.7	648	17.3	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Mississippi (Reach 4) Coon-Yellow - Pool 10 portion - Wis R to LD 9)	RIVER	891939	721000	Crawford, Grant	630.7	648	17.3	Miles	Apr/01/1998	Other	Mercury	Impairment Unknown	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 4) Coon-Yellow - Pool 10 portion - Wis R to LD 9)	RIVER	891939	721000	Crawford, Grant	630.7	648	17.3	Miles	Apr/01/1998	Other	PCBs	Impairment Unknown, PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 4) Coon-Yellow - Pool 8 portion - LD 8 to Root R.)	RIVER	1848773	721000	La Crosse, Vernon	679.1	693.7	14.6	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Mississippi (Reach 4) Coon-Yellow - Pool 8 portion - LD 8 to Root R.)	RIVER	1848773	721000	La Crosse, Vernon	679.1	693.7	14.6	Miles	Apr/01/1998	Other	Mercury	Impairment Unknown	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 4) Coon-Yellow - Pool 8 portion - LD 8 to Root R.)	RIVER	1848773	721000	La Crosse, Vernon	679.1	693.7	14.6	Miles	Apr/01/1998	Other	PCBs	Impairment Unknown, PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 4) Coon-Yellow - Pool 9 portion - LD 9 to LD 8)	RIVER	1848750	721000	Crawford, Vernon	648	679.1	31.1	Miles	Apr/01/2012	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Mississippi (Reach 4) Coon-Yellow - Pool 9 portion - LD 9 to LD 8)	RIVER	1848750	721000	Crawford, Vernon	648	679.1	31.1	Miles	Apr/01/2010	Other	Mercury	Mercury Contaminated Fish Tissue, Impairment Unknown	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 4) Coon-Yellow - Pool 9 portion - LD 9 to LD 8)	RIVER	1848750	721000	Crawford, Vernon	648	679.1	31.1	Miles	Apr/01/1998	Other	PCBs	Impairment Unknown, PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 5) Grant-Maquoketa Wisconsin River to LD	RIVER	16323	721000	Crawford, Grant	583	630.7	47.7	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Mississippi (Reach 5) Grant-Maquoketa Wisconsin River to LD	RIVER	16323	721000	Crawford, Grant	583	630.7	47.7	Miles	Apr/01/1998	Other	Mercury	Impairment Unknown	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 5) Grant-Maquoketa Wisconsin River to LD	RIVER	16323	721000	Crawford, Grant	583	630.7	47.7	Miles	Apr/01/1998	Other	PCBs	Impairment Unknown, PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 6) Apple-Plum LD 11 to Wisconsin State Line	RIVER	18638	721000	Grant	580.8	583	2.2	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Mississippi (Reach 6) Apple-Plum LD 11 to Wisconsin State Line	RIVER	18638	721000	Grant	580.8	583	2.2	Miles	Apr/01/1998	Other	Mercury	Impairment Unknown	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 6) Apple-Plum LD 11 to Wisconsin State Line	RIVER	18638	721000	Grant	580.8	583	2.2	Miles	Apr/01/1998	Other	PCBs	Impairment Unknown, PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Missouri Creek	RIVER	18774	2055700	Dunn	8.59	13.83	5.24	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Missouri Creek	RIVER	15619	2055700	Pierce	13.84	17.88	4.04	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Mitchell Field Ditch	RIVER	9968	14800	Milwaukee	0	2.3	2.3	Miles	Apr/01/2020	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Proposed for List	Low	TMDL Needed (5A)
Moen Lake (Moen's Lake Chain)	LAKE	128230	1573800	Oneida			460.86	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Excess Algal Growth	TMDL Development	High	Natural Conditions (5C)
Moen Lake (Moen's Lake Chain)	LAKE	128230	1573800	Oneida			460.86	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Molash Creek	RIVER	10164	90100	Manitowoc	0	7.76	7.76	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Monona Lake	LAKE	11665	804600	Dane			3359	Acres	Apr/01/1998	Contam. Sed.	PCBs	PCB Contaminated Sediments, PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Moon Bay	BAY/HARBOR	1521808	2152800	Chippewa			354.95	Acres	Apr/01/2008	PS/NPS	Total Phosphoru	Eutrophication	303d Listed	Low	TMDL Needed (5A)
Moon Lake	LAKE	18813	1867600	Barron			73.93	Acres	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown, Excess Algal Growth	Proposed for List	Low	Watershed Plan (5W)
Moose Ear Creek	RIVER	1443128	2089600	Barron	2.52	9.92	7.4	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Moose Lake	LAKE	15532	2420600	Sawyer			1559.02	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Moose Lake	LAKE	15532	2420600	Sawyer			1559.02	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Moquah Lake	LAKE	20895	2918200	Ashland			64.52	Acres	Apr/01/2014	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Morris Creek	RIVER	13209	1200000	Monroe	0	14	14	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Mounds Branch	RIVER	13899	947100	Grant, Lafayette	0	4.45	4.45	Miles	Apr/01/2018	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Mud (Ojaski) Lake	LAKE	15818	2094600	Barron			331.92	Acres	Apr/01/2006	NPS	Total Phosphoru	Eutrophication	303d Listed	Low	Watershed Plan (5W)
Mud Creek	RIVER	14539	2344100	Chippewa, Rusk	0	11.74	11.74	Miles	Apr/01/2014	Other	Total Phosphoru	Impairment Unknown	303d Listed	Low	Natural Conditions (5C)
Mud Creek	RIVER	11387	840800	Dane, Dodge	0	10.77	10.77	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Mud Creek	RIVER	10846	129500	Outagamie, Winnebago	0	3.71	3.71	Miles	Apr/01/2016	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Mud Creek (Left, Hills) T18n,	RIVER	9888	73600	Manitowoc	0	9.26	9.26	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Mud Creek (Left, Hills) T18n,	RIVER	9888	73600	Manitowoc	0	9.26	9.26	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Mud Lake	LAKE	13491	1006500	Dane			51.26	Acres	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Mud Lake	LAKE	18222	830800	Jefferson			83.52	Acres	Apr/01/2018	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Mud Lake	LAKE	128234	1612500	Oneida			116.34	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels, Impairment Unknown	TMDL Development	High	Natural Conditions (5C)
Mullet River	RIVER	9839	53400	Sheboygan	0	17.76	17.76	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Mullet River	RIVER	9842	53400	Sheboygan	17.76	23.67	5.91	Miles	Apr/01/2020	PS/NPS	Total Phosphoru	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Murbou Creek	RIVER	11937	541800	Marinette	0	0.85	0.85	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Murphy (Wingra) Creek	RIVER	11666	804700	Dane	0	1.2	1.2	Miles	Apr/01/1998	Contam. Sed.	Unknown Pollut	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Murphys Creek	RIVER	11663	803900	Dane	0	4.69	4.69	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Murray Creek	RIVER	9826	323000	Shawano	0	2.39	2.39	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Muskellunge Creek	RIVER	13908	957600	Grant	0	1	1	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Muskellunge Creek	RIVER	13908	957600	Grant	0	1	1	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Muskellunge Creek	RIVER	13909	957600	Grant	1	4.91	3.91	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Muskellunge Lake	LAKE	128570	1596600	Vilas			269.87	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Musser Lake	IMPOUNDMENT	14741	2245100	Price			503.46	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Musser Lake	IMPOUNDMENT	14741	2245100	Price			503.46	Acres	Apr/01/2012	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Myrtle Lake	LAKE	128571	1626000	Vilas			28.37	Acres	Apr/01/2012	PS/NPS	Total Phosphoru	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
N. Fork Juda Branch	RIVER	13615	877700	Green	0	1.68	1.68	Miles	Apr/01/1998	PS/NPS	BOD	Low DO	303d Listed	Low	TMDL Needed (5A)
N. Fork Juda Branch	RIVER	13615	877700	Green	0	1.68	1.68	Miles	Apr/01/1998	PS/NPS	Total Phosphoru	Low DO, Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
N. Fork Juda Branch	RIVER	6876678	877700	Green	1.68	3.8	2.12	Miles	Apr/01/1998	PS/NPS	BOD	Low DO, Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Neenah Channel	BAY/HARBOR	5720096	130600	Winnebago			101.62	Acres	Apr/01/2016	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Neenah Slough	RIVER	10848	130800	Winnebago	0	2.77	2.77	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Neenah Slough	RIVER	357915	130800	Winnebago	2.77	3.54	0.77	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Neenah Slough	RIVER	357955	130800	Winnebago	3.55	6.12	2.57	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Nelson Lake	LAKE	18973	2704200	Sawyer			2715.99	Acres	Apr/01/2014	NPS	Total Phosphoru	Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Neshonoc Lake	IMPOUNDMENT	13999	1653500	La Crosse			606.5	Acres	Apr/01/1998	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Neshonoc Lake	IMPOUNDMENT	13999	1653500	La Crosse			606.5	Acres	Apr/01/1998	PS/NPS	Total Phosphoru	Eutrophication, Excess Algal Growth, Elevated pH	303d Listed	Low	TMDL Needed (5A)
Neshonoc Lake	IMPOUNDMENT	13999	1653500	La Crosse			606.5	Acres	Apr/01/1998	PS/NPS	Sediment/Total	Eutrophication, Elevated pH	303d Listed	Low	TMDL Needed (5A)
Neshota River	RIVER	18054	88200	Brown, Kewaunee	3	17.22	14.22	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Neshota River	RIVER	9959	88200	Brown,Kewaunee, Manitowoc	0	3	3	Miles	Apr/01/2020	NPS	Total Phosphoru	High Phosphorus Levels	Proposed for List	High	TMDL Needed (5A)
Newton Creek	RIVER	305141	2843650	Douglas	0	1.76	1.76	Miles	Apr/01/1998	Contam. Sed.	Unspecified Met	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Newton Creek	RIVER	305141	2843650	Douglas	0	1.76	1.76	Miles	Apr/01/2018	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Newton Creek	RIVER	305141	2843650	Douglas	0	1.76	1.76	Miles	Apr/01/1998	Contam. Sed.	Foam/Flocs/Scu	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Newton Creek	RIVER	305141	2843650	Douglas	0	1.76	1.76	Miles	Apr/01/1998	Contam. Sed.	PAHs	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Newton Lake	LAKE	900376	450600	Oconto			19.35	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Nichols Creek (N. B. Milw R)	RIVER	10070	27100	Sheboygan	23.48	27.8	4.32	Miles	Apr/01/2018	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Ninemile Creek	RIVER	11255	366800	Langlade	0	12.96	12.96	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
North Branch Manitowoc River	RIVER	9911	75900	Calumet	0	7.35	7.35	Miles	Apr/01/1998	PS/NPS	Total Phosphoru	Low DO, High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
North Branch Manitowoc River	RIVER	9911	75900	Calumet	0	7.35	7.35	Miles	Apr/01/1998	PS/NPS	Sediment/Total	Low DO, Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
North Branch Oak Creek	RIVER	9967	14900	Milwaukee	0	5.7	5.7	Miles	Apr/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
North Branch Of Pike River	RIVER	10532	1900	Kenosha, Racine	0	5.23	5.23	Miles	Apr/01/1998	PS/NPS	Unknown Pollut	Chronic Aquatic Toxicity	303d Listed	Low	Watershed Plan (5W)
North Branch Of Pike River	RIVER	10532	1900	Kenosha, Racine	0	5.23	5.23	Miles	Apr/01/2008	PS/NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	Watershed Plan (5W)
North Branch O'Neill Creek	RIVER	14265	1749600	Clark	0	17.2	17.2	Miles	Apr/01/2014	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
North Branch Pigeon River	RIVER	9714	293900	Waupaca	0	5.34	5.34	Miles	Apr/01/2018	PS/NPS	Unknown Pollut	Degraded Biological Community, Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
North Branch Pike River	RIVER	425919	1900	Racine	5.23	7.87	2.64	Miles	Apr/01/2018	NPS	Chloride	Chronic Aquatic Toxicity	303d Listed	Low	Watershed Plan (5W)
North Flowage	IMPOUNDMENT	14153	1700300	Monroe			211	Acres	Apr/01/2002	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
North Fork Beaver Creek	RIVER	1181543	1682500	Jackson	11.59	19.49	7.9	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
North Fork Eau Claire	RIVER	6923349	2145400	Clark, Eau Claire	10.49	22.48	11.99	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
North Fork Eau Claire	RIVER	16146	2145400	Eau Claire	0	10.49	10.49	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
North Fork Eau Claire River	RIVER	6923457	2145400	NA	22.48	53.91	31.43	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Watershed Plan (5W)
North Fork Of Beaver Creek	RIVER	14094	1682500	Trempealeau	0	11.59	11.59	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
North Fork Willow River	RIVER	16413	2606900	St. Croix	32.47	40.59	8.12	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
North Lake	LAKE	11496	850800	Waukesha			440.45	Acres	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
North Spirit Lake	LAKE	425815	1515200	Price, Taylor			224.35	Acres	Apr/01/2012	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	TMDL Development	High	Natural Conditions (5C)
Norwegian Creek	RIVER	16144	2144500	Clark	0	7.52	7.52	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Nor-X-Way Channel	RIVER	10043	18450	Ozaukee, Washington, Waukesha	0	4.9	4.9	Miles	Apr/01/2020	PS/NPS	Unknown Pollut	Elevated Water Temperature	Addition	Medium	TMDL Needed (5A)
Nor-X-Way Channel	RIVER	10043	18450	Ozaukee, Washington, Waukesha	0	4.9	4.9	Miles	Apr/01/2020	PS/NPS	Chloride	Chronic Aquatic Toxicity	Addition	Medium	TMDL Needed (5A)
Noyes Creek	RIVER	3988299	17700	Milwaukee	0	3.54	3.54	Miles	Apr/01/2018	NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Noyes Creek	RIVER	3988299	17700	Milwaukee	0	3.54	3.54	Miles	Apr/01/2020	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Medium	TMDL Needed (5A)
Oak Creek	RIVER	9969	14500	Milwaukee	0	13.32	13.32	Miles	Apr/01/1998	NPS	Unknown Pollut	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Oak Creek	RIVER	9969	14500	Milwaukee	0	13.32	13.32	Miles	Apr/01/2014	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Oak Creek	RIVER	9969	14500	Milwaukee	0	13.32	13.32	Miles	Apr/01/2012	Unknown	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Oconto River	RIVER	10870	440200	Oconto	0	9.94	9.94	Miles	Apr/01/1998	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Oconto River	RIVER	884729	440200	Oconto	9.94	14.16	4.22	Miles	Apr/01/1998	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Oconto River	RIVER	1440776	440200	Shawano	30.96	35.35	4.39	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Odana Pond	LAKE	34522	3000513	Dane			13.72	Acres	Apr/01/2012	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Odana Pond	LAKE	34522	3000513	Dane			13.72	Acres	Apr/01/2012	PS/NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Ok Creek	RIVER	13611	877200	Green	0	6.82	6.82	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Ok Creek	RIVER	13611	877200	Green	0	6.82	6.82	Miles	Apr/01/2016	PS/NPS	Sediment/Total	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Okauchee Lake	LAKE	902156	850300	Waukesha			1210.27	Acres	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Olbrich Park Beach	INLAND BEACH	1491088	804600	Dane	0	0.23	0.23	Miles	Apr/01/2008	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Old Elk Lake	LAKE	16070	1871400	Dunn			90.16	Acres	Apr/01/1998	NPS	Total Phosphoru	Low DO, Eutrophication	303d Listed	Low	TMDL Needed (5A)
Old Elk Lake	LAKE	16070	1871400	Dunn			90.16	Acres	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Olin Park Beach	INLAND BEACH	1491113	804600	Dane	0	0.07	0.07	Miles	Apr/01/2008	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Oliver Creek	RIVER	11463	859000	Dodge	0	4.09	4.09	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	Watershed Plan (5W)
O'Neill Creek	RIVER	14264	1748800	Clark	0	3.12	3.12	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Oneonta Lake	LAKE	12049	503300	Marinette			67.61	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Onion River	RIVER	3987353	51200	Sheboygan	0	31.8	31.8	Miles	Apr/01/2012	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Oregon Branch	RIVER	11656	800700	Dane	0	4.74	4.74	Miles	Apr/01/2012	Unknown	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Osman Trib to Meeme River	RIVER	481039	5025264	Manitowoc	0	1.16	1.16	Miles	Apr/01/1998	NPS	Total Phosphoru	Low DO	303d Listed	Low	TMDL Needed (5A)
Osman Trib to Meeme River	RIVER	481039	5025264	Manitowoc	0	1.16	1.16	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Otter Creek	RIVER	16196	2156800	Chippewa	0	7.06	7.06	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Otter Creek	RIVER	6923581	2156800	Chippewa, Taylor	9.83	18.45	8.62	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Otter Creek	RIVER	15686	2068700	Dunn	6.97	12.86	5.89	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	Watershed Plan (5W)
Otter Creek	RIVER	1456596	2068700	Dunn	0	6.97	6.97	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	Watershed Plan (5W)
Otter Creek	RIVER	16364	2125700	Eau Claire	0	26.53	26.53	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	Watershed Plan (5W)
Otter Creek	RIVER	13449	1237100	Iowa	14.89	19.86	4.97	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Otter Creek	RIVER	18477	1237100	Iowa	0	14.89	14.89	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Otter Creek	RIVER	13798	923300	Lafayette	0	10.6	10.6	Miles	Apr/01/2016	PS/NPS	BOD	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Otter Creek	RIVER	13798	923300	Lafayette	0	10.6	10.6	Miles	Apr/01/2016	PS/NPS	Ammonia (Unio	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Otter Creek	RIVER	13470	1258400	Sauk	0	17.17	17.17	Miles	Apr/01/2014	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Otter Creek	RIVER	13471	1258400	Sauk	17.17	18.81	1.64	Miles	Apr/01/2020	NPS	Unknown Pollut	Elevated Water Temperature	Proposed for List	Low	TMDL Needed (5A)
Otter Creek	RIVER	18215	56400	Sheboygan	0	4	4	Miles	Apr/01/2002	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Otter Lake	LAKE	16197	2157000	Chippewa			601.56	Acres	Apr/01/2002	NPS	Total Phosphoru	Eutrophication, Elevated pH	303d Listed	Low	TMDL Needed (5A)
Owl Lake	LAKE	14996	2307600	Iron			125.33	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Oxbow Lake	LAKE	128581	2954800	Vilas			523.16	Acres	Apr/01/2014	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Oxbow Lake	LAKE	128581	2954800	Vilas			523.16	Acres	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Pages Slough (L. Poygan)	LAKE	26906	251700	Winnebago			150.04	Acres	Apr/01/2006	Other	Total Phosphoru	Eutrophication	TMDL Development	High	TMDL Needed (5A)
Pages Slough (L. Poygan)	LAKE	26906	251700	Winnebago			150.04	Acres	Apr/01/2006	Other	Sediment/Total	Degraded Habitat, Turbidity	TMDL Development	High	TMDL Needed (5A)
Park Falls Flowage, Lower	IMPOUNDMENT	14891	2290100	Price			61.97	Acres	Apr/01/1998	Contam. Sed.	Unspecified Met	Chronic Aquatic Toxicity, Unspecified Metals Contaminated Sediments	303d Listed	Low	TMDL Needed (5A)
Park Falls Flowage, Lower	IMPOUNDMENT	14891	2290100	Price			61.97	Acres	Apr/01/1998	Contam. Sed.	Mercury	Chronic Aquatic Toxicity, Mercury Contaminated Fish Tissue, Mercury Contaminated Sediments	303d Listed	Low	TMDL Needed (5A)
Pats Creek	RIVER	13848	939800	Lafayette	0	8.97	8.97	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Pattison Beach (State Park)	INLAND BEACH	1455339	2838000	Douglas	0	0.07	0.07	Miles	Apr/01/2016	PS/NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Pecatonica River	RIVER	13677	889100	Green, Lafayette	93.05	144.8	51.75	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Pecatonica River	RIVER	6901822	889100	Iowa, Lafayette	158.67	187	28.33	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Pecatonica River	RIVER	6901738	889100	Lafayette	144.8	158.67	13.87	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Pecatonica River	RIVER	6901967	889100	NA	157	158.67	1.67	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Pelican Lake	LAKE	128252	1579900	Oneida			3544.87	Acres	Apr/01/2016	PS/NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Pennoyer Park Beach, Lake Michigan	GREAT LAKES BEACH	1452836	20	Kenosha	0	0.74	0.74	Miles	Apr/01/2006	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	Watershed Plan (5W)
Pensaukee River	RIVER	10866	412900	Oconto, Shawano	0	60.4	60.4	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Perennial Stream C (Pb018)	RIVER	425595	3000119	Waukesha	0	1.88	1.88	Miles	Apr/01/1998	NPS	Sediment/Total	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Perennial Stream C (Sc011)	RIVER	425628	3000121	Waukesha	0	2.96	2.96	Miles	Apr/01/1998	NPS	Total Phosphoru	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Perennial Stream C (Sc011)	RIVER	425628	3000121	Waukesha	0	2.96	2.96	Miles	Apr/01/1998	NPS	Sediment/Total	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Perennial Stream D (Pb016)	RIVER	425544	3000120	Waukesha	0	0.72	0.72	Miles	Apr/01/1998	NPS	Sediment/Total	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Pesabic Lake	LAKE	127995	1481600	Lincoln			147.3	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Peshtigo River	RIVER	11844	515500	Marinette	54.44	60.05	5.61	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Peshtigo River	RIVER	884803	515500	Marinette	0	11.83	11.83	Miles	Apr/01/1998	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue, Mercury Contaminated Sediments	303d Listed	Low	TMDL Needed (5A)
Petenwell Flowage	IMPOUNDMENT	424132	1377100	Adams, Juneau			23000.81	Acres	Apr/01/1998	Contam. Sed.	Dioxin	Dioxin Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Petenwell Flowage	IMPOUNDMENT	424132	1377100	Adams, Juneau			23000.81	Acres	Apr/01/1998	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Petenwell Flowage	IMPOUNDMENT	424132	1377100	Adams, Juneau			23000.81	Acres	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Peterson Creek	RIVER	10395	275400	Waupaca	0	8.18	8.18	Miles	Apr/01/2016	NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Phantom Lake	LAKE	10500	766000	Waukesha			110.24	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Pheasant Branch	RIVER	11695	805900	Dane	0	1	1	Miles	Apr/01/2016	NPS	Chloride	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Pheasant Branch	RIVER	11696	805900	Dane	1	9.09	8.09	Miles	Apr/01/2016	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Pickerel Lake	LAKE	128257	1590400	Oneida			580.71	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Pickerel Lake	LAKE	128585	1619700	Vilas			270.33	Acres	Apr/01/2020	NPS	Unknown Pollut	Excess Algal Growth	Proposed for List	Low	Natural Conditions (5C)
Pidgeon Creek	RIVER	5688313	1792500	Trempealeau	7.52	7.93	0.41	Miles	Apr/01/2014	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Pigeon Creek	RIVER	13916	959600	Grant	0	14	14	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Pigeon Creek	RIVER	13916	959600	Grant	0	14	14	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Pigeon Creek	RIVER	14158	1700800	Jackson	0	4.96	4.96	Miles	Apr/01/1998	Habitat/Physical	Other flow regin	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Pigeon Creek	RIVER	14394	1792500	Jackson,Trempealeau	7.93	14.89	6.96	Miles	Apr/01/2020	NPS	Total Phosphoru	High Phosphorus Levels	Proposed for List	Low	TMDL Needed (5A)
Pigeon Creek	RIVER	14393	1792500	Trempealeau	0	7.52	7.52	Miles	Apr/01/2014	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Pigeon River	RIVER	1496062	62300	Manitowoc, Sheboygan	0	18.1	18.1	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Pike Creek	RIVER	896190	1200	Kenosha	0	3.69	3.69	Miles	Apr/01/2016	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	Watershed Plan (5W)
Pike Lake Chain	LAKE	14813	2268300	Price			740.66	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Excess Algal Growth	303d Listed	Low	Natural Conditions (5C)
Pike River	RIVER	1523844	1300	Kenosha	0	1.45	1.45	Miles	Apr/01/2014	Unknown	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Pike River	RIVER	1523844	1300	Kenosha	0	1.45	1.45	Miles	Apr/01/2016	NPS	Chloride	Chronic Aquatic Toxicity	303d Listed	Low	Watershed Plan (5W)
Pike River	RIVER	1523844	1300	Kenosha	0	1.45	1.45	Miles	Apr/01/2012	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	Watershed Plan (5W)
Pike River	RIVER	4696818	1300	Kenosha	1.45	9.5	8.05	Miles	Apr/01/2016	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Pike River	RIVER	4696818	1300	Kenosha	1.45	9.5	8.05	Miles	Apr/01/2012	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	Watershed Plan (5W)
Pine Creek	RIVER	9931	79900	Calumet	0	5.54	5.54	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Addition	High	Phosphorus Listed (5P)
Pine Creek	RIVER	9931	79900	Calumet	0	5.54	5.54	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCB Contaminated Sediments	303d Listed	Low	TMDL Needed (5A)
Pine Creek	RIVER	9932	79900	Calumet	5.54	9.12	3.58	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	TMDL Development	High	TMDL Needed (5A)
Pine Creek	RIVER	9932	79900	Calumet	5.54	9.12	3.58	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCB Contaminated Sediments	303d Listed	Low	Watershed Plan (5W)
Pine Creek	RIVER	14293	1758900	Taylor	0	20	20	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Pine Lake	LAKE	14536	2092900	Chippewa, Rusk			256.49	Acres	Apr/01/1998	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Pine Lake	LAKE	127787	406900	Forest			1672.6	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Pine Lake	LAKE	891377	2949200	Iron			299.61	Acres	Apr/01/2018	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Pine Lake, T29n R17w S01	LAKE	16410	2489700	St. Croix			118.47	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Pine River	RIVER	18493	1220600	Richland	0	22.35	22.35	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Pipe Creek	RIVER	10979	132800	Fond du Lac	0	2.5	2.5	Miles	Apr/01/2020	NPS	Total Phosphoru	Degraded Biological Community	Proposed for List	High	TMDL Needed (5A)
Pipe Lake	LAKE	16528	2490500	Polk			293.29	Acres	Apr/01/2014	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Pipe Lake, North	LAKE	16525	2485700	Polk			64.46	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Pixley Flowage	IMPOUNDMENT	14889	2288900	Price			181.58	Acres	Apr/01/1998	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Planting Ground Lake (Three Lakes Chain)	LAKE	128261	1609100	Oneida			1010.5	Acres	Apr/01/2012	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Platte River	RIVER	13865	943600	Grant	0	37.8	37.8	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Plum Creek	RIVER	18230	868400	Dodge	0	13.79	13.79	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Plum Creek	RIVER	15591	2051300	Pepin	0	7.23	7.23	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Point Creek	RIVER	9864	66000	Manitowoc	0	13.74	13.74	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Pokegama Lake	LAKE	15817	2094300	Barron			433.46	Acres	Apr/01/2006	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Pokegema River	RIVER	17467	2844000	Douglas	0	25.74	25.74	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Pope Lake	LAKE	26194	262900	Waupaca			14.29	Acres	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Natural Conditions (5C)
Poplar Creek	RIVER	424456	772800	Waukesha	3.65	6.01	2.36	Miles	Apr/01/1998	NPS	Unknown Pollut	Low DO	303d Listed	Low	TMDL Needed (5A)
Poplar Creek	RIVER	424526	772800	Waukesha	6.01	8.06	2.05	Miles	Apr/01/1998	NPS	Unknown Pollut	Low DO	303d Listed	Low	TMDL Needed (5A)
Poplar River	RIVER	14276	1752900	Clark	0	11.06	11.06	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Poplar River	RIVER	18630	1752900	Clark	11.06	13.54	2.48	Miles	Apr/01/2012	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Poplar River (Creek)	RIVER	10511	772800	Waukesha	0	3.64	3.64	Miles	Apr/01/1998	NPS	Unknown Pollut	Low DO	303d Listed	Low	TMDL Needed (5A)
Poplar River (Creek)	RIVER	10511	772800	Waukesha	0	3.64	3.64	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Popple (Poplar) River, North Fork	RIVER	14283	1754800	Clark	0	20	20	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Popple (Poplar) River, North Fork	RIVER	18632	1754800	Clark	20	25	5	Miles	Apr/01/2014	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Popple River East Fork	RIVER	14282	1754500	Clark	0	7	7	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Porcupine Creek	RIVER	15593	2051500	Pepin, Pierce	0	10.11	10.11	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Portage Canal	BAY/HARBOR	5534667	179500	Columbia			13.68	Acres	Apr/01/2016	Contam. Sed.	Mercury	Mercury Contaminated Sediments	303d Listed	Low	TMDL Needed (5A)
Portage Canal	BAY/HARBOR	5534667	179500	Columbia			13.68	Acres	Apr/01/2016	Contam. Sed.	Lead	Lead Contaminated Sediments	303d Listed	Low	TMDL Needed (5A)
Portage Canal	BAY/HARBOR	5534667	179500	Columbia			13.68	Acres	Apr/01/2016	Contam. Sed.	PCBs	PCB Contaminated Sediments, PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Poskin Lake	LAKE	15866	2098000	Barron			153.51	Acres	Apr/01/2012	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Potato Lake	LAKE	897942	2355300	Rusk			540.35	Acres	Apr/01/2014	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Potter Flowage	IMPOUNDMENT	14212	1722000	Jackson			255.06	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Potter Lake	LAKE	10491	753800	Walworth			154.64	Acres	Apr/01/2010	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Prairie Lake	LAKE	15816	2094100	Barron			1408.42	Acres	Apr/01/2006	NPS	Total Phosphoru	Eutrophication, Degraded Habitat, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Pre-Emption Creek	RIVER	947339	2895200	Bayfield	0	7.22	7.22	Miles	Apr/01/2020	NPS	Unknown Pollut	Elevated Water Temperature	Proposed for List	Low	Natural Conditions (5C)
Printz Creek	RIVER	14126	1693100	Monroe	0	3.06	3.06	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Puchyan River	RIVER	11018	145200	Green Lake	0	13.96	13.96	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Quarter Creek	RIVER	15697	2077200	Dunn	0	3.27	3.27	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Racine Harbor	BAY/HARBOR	481367	25	Racine			84.2	Acres	Apr/01/1998	Other	Unspecified Met	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Range Line Lake	LAKE	127791	478200	Forest			93.15	Acres	Apr/01/2016	PS/NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Range Line Lake (Three Lakes Chain)	LAKE	128265	1610300	Oneida			128.62	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Rat River	RIVER	18133	251800	Winnebago	0	13.14	13.14	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Rattlesnake Creek	RIVER	13905	957300	Grant	0	21.11	21.11	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Red Arrow Park Beach, Lake Michigan	GREAT LAKES BEACH	481879	20	Manitowoc	0	0.42	0.42	Miles	Apr/01/1998	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Red Cedar Lake	LAKE	16042	2109600	Barron, Washburn			1896.9	Acres	Apr/01/2014	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Red Cedar River	RIVER	18785	2063500	Barron	73.6	78.51	4.91	Miles	Apr/01/1998	PS/NPS	Total Phosphoru	Low DO	303d Listed	Low	Watershed Plan (5W)
Red Cedar River	RIVER	15856	2063500	Barron, Dunn	28.72	73.6	44.88	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Red Cedar River	RIVER	15741	2063500	Dunn	0	9.27	9.27	Miles	Apr/01/2006	Other	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Red Cedar River	RIVER	15741	2063500	Dunn	0	9.27	9.27	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Red Cedar River	RIVER	888574	2063500	Dunn	16.48	18.8	2.32	Miles	Apr/01/1998	PS/NPS	Total Phosphoru	Eutrophication, Elevated pH	303d Listed	Low	Watershed Plan (5W)
Red Cedar River	RIVER	888648	2063500	Dunn	22.51	28.72	6.21	Miles	Apr/01/1998	PS/NPS	Total Phosphoru	Eutrophication, Elevated pH	303d Listed	Low	Watershed Plan (5W)
Red Cedar River	RIVER	888773	2063500	Dunn	9.27	13.56	4.29	Miles	Apr/01/1998	Other	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Red Cedar River	RIVER	888773	2063500	Dunn	9.27	13.56	4.29	Miles	Apr/01/1998	NPS	Total Phosphoru	Eutrophication, Elevated pH	303d Listed	Low	Watershed Plan (5W)
Red Cedar River	RIVER	888812	2063500	Dunn	13.56	16.48	2.92	Miles	Apr/01/1998	Other	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Red Cedar River	RIVER	888812	2063500	Dunn	13.56	16.48	2.92	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Red River	RIVER	10250	101000	Kewaunee	0	8.87	8.87	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Rice Lake	LAKE	15977	2103900	Barron			859.25	Acres	Apr/01/2012	Point Source	Total Phosphoru	Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Rice Lake (Lower Whitewater)	LAKE	11783	816600	Walworth			144.07	Acres	Apr/01/2018	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Richland Creek	RIVER	13238	1206000	Crawford	0	9.71	9.71	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Richland Creek	RIVER	13669	889200	Green	21.61	35.11	13.5	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Riley School Branch	RIVER	18519	877600	Green	0	4.75	4.75	Miles	Apr/01/2016	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Riley School Branch	RIVER	18519	877600	Green	0	4.75	4.75	Miles	Apr/01/2016	NPS	Sediment/Total	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Rio Creek	RIVER	10215	95200	Kewaunee	0	8.77	8.77	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Roaring Creek	RIVER	14136	1695200	Jackson	0	5.34	5.34	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Roaring Creek	RIVER	14136	1695200	Jackson	0	5.34	5.34	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community, High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Robinson Creek	RIVER	14142	1696300	Jackson	0	12	12	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Rock Creek	RIVER	18628	1750800	Clark	0	21.89	21.89	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Rock Creek	RIVER	16348	2119000	Dunn	2.8	4.64	1.84	Miles	Apr/01/2002	NPS	Sediment/Total	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Rock Creek	RIVER	890345	2119000	Eau Claire,Pepin,Dunn	4.64	9.59	4.95	Miles	Apr/01/2020	NPS	Total Phosphoru	High Phosphorus Levels	Proposed for List	Low	TMDL Needed (5A)
Rock Creek	RIVER	6777615	830100	Jefferson	2.21	3.14	0.93	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Rock Dam Lake	IMPOUNDMENT	18828	2139000	Clark			95.87	Acres	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Rock River, West Branch	RIVER	11566	861300	Dodge, Fond Du Lac	50	87.63	37.63	Miles	Apr/01/2018	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Rocky Run	RIVER	16143	2144100	Clark	0	7.97	7.97	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Roger Creek	RIVER	16152	2146600	Chippewa, Clark	0	8.97	8.97	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	Watershed Plan (5W)
Rogers Branch	RIVER	13930	964300	Grant	0	8	8	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Root River	RIVER	896175	2900	Milwaukee, Racine	5.82	20.48	14.66	Miles	Apr/01/2012	Unknown	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	Watershed Plan (5W)
Root River	RIVER	4714703	2900	Milwaukee, Racine	20.48	25.8	5.32	Miles	Apr/01/1998	PS/NPS	Total Phosphoru	Low DO, Degraded Biological Community	303d Listed	Medium	Watershed Plan (5W)
Root River	RIVER	4714703	2900	Milwaukee, Racine	20.48	25.8	5.32	Miles	Apr/01/1998	PS/NPS	Sediment/Total	Low DO	303d Listed	Medium	Watershed Plan (5W)
Root River	RIVER	425682	2900	Milwaukee, Waukesha	25.8	43.69	17.89	Miles	Apr/01/2014	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	Watershed Plan (5W)
Root River	RIVER	425682	2900	Milwaukee, Waukesha	25.8	43.69	17.89	Miles	Apr/01/1998	PS/NPS	Total Phosphoru	Low DO, Degraded Biological Community	303d Listed	Low	Watershed Plan (5W)
Root River	RIVER	425682	2900	Milwaukee, Waukesha	25.8	43.69	17.89	Miles	Apr/01/1998	PS/NPS	Sediment/Total	Low DO	303d Listed	Low	Watershed Plan (5W)
Root River	RIVER	10533	2900	Racine	0	5.82	5.82	Miles	Apr/01/1998	Other	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Root River	RIVER	10533	2900	Racine	0	5.82	5.82	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Watershed Plan (5W)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Root River Canal	RIVER	10535	4300	Milwaukee, Racine	0	5.72	5.72	Miles	Apr/01/1998	NPS	Total Phosphoru	Low DO	303d Listed	Medium	Watershed Plan (5W)
Root River Canal	RIVER	10535	4300	Milwaukee, Racine	0	5.72	5.72	Miles	Apr/01/1998	NPS	Sediment/Total	Low DO	303d Listed	Medium	Watershed Plan (5W)
Ross Crossing Creek	RIVER	13632	885600	Green	0	5.2	5.2	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Round Lake	LAKE	9910	68600	Calumet			11.37	Acres	Apr/01/2016	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Medium	Watershed Plan (5W)
Round Lake (Cushing)	LAKE	16631	2494000	Polk			37.42	Acres	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Round Lake (Three Lakes Chain)	LAKE	128272	1610400	Oneida			151.25	Acres	Apr/01/2018	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Round Lake T32 R9w S14	LAKE	891353	2169200	Chippewa			215.79	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Round Lake T37n R18w S27	LAKE	16676	2640100	Burnett			208.35	Acres	Apr/01/2012	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Rouse Creek	RIVER	17755	2925000	Iron	0	2.26	2.26	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Roxbury Creek	RIVER	13496	1259900	Dane	0	4	4	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Rubicon River	RIVER	11555	856500	Dodge	0	9.69	9.69	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Rubicon River	RIVER	6977678	856500	Dodge, Washington	11.43	29	17.57	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Running Valley Creek	RIVER	15745	2082700	Dunn	0	4.61	4.61	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	Watershed Plan (5W)
Rush Creek	RIVER	18790	2066900	Dunn	0	5.2	5.2	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Ryan Creek	RIVER	5719503	5100	Milwaukee	0	6.86	6.86	Miles	Apr/01/2018	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	Watershed Plan (5W)
Sackett Lake	LAKE	14316	1764500	Taylor			60.17	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Sand Creek	RIVER	14017	1689700	Jackson, La Crosse, Monroe	0	10.21	10.21	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Sand Lake	LAKE	18665	2353600	Chippewa, Rusk			271.76	Acres	Apr/01/2012	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Sand Lake	LAKE	127700	591600	Florence			48.35	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Sandy Creek	RIVER	18576	966100	Grant	0.37	6.01	5.64	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Sauk Creek	RIVER	11342	49500	Ozaukee	0	15.9	15.9	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Scattering Rice Lake	LAKE	128607	1600300	Vilas			263.28	Acres	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown, Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
School Creek	RIVER	10184	92200	Brown, Kewaunee	0	5.6	5.6	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Scout Lake	LAKE	207466	6100	Milwaukee			5.46	Acres	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Scuppernong River	RIVER	11789	817600	Jefferson, Waukesha	0	9.37	9.37	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Scuppernong River	RIVER	8107585	817600	#N/A	10.31	12.46	2.15	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Second Lake (Moen's Lake Chain)	LAKE	128279	1572300	Oneida			102.72	Acres	Apr/01/2014	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Selner Park Beach (City Of Kewaunee), Lake Michigan	GREAT LAKES BEACH	1452524	20	Kewaunee			0.99	Miles	Apr/01/2006	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Sevenmile Creek	RIVER	16089	2128700	Chippewa	4.72	7.19	2.47	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	Watershed Plan (5W)
Sevenmile Creek	RIVER	16088	2128700	Eau Claire	0	4.72	4.72	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	Watershed Plan (5W)
Sevenmile Creek	RIVER	9861	65100	Sheboygan	0	5	5	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	High	TMDL Needed (5A)
Sevenmile Lake	LAKE	128281	1605800	Forest, Oneida			518.2	Acres	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Shannahan Valley Creek	RIVER	13466	1257900	Sauk	0	1.33	1.33	Miles	Apr/01/2002	Habitat/Physical	Elevated Water	Impairment Unknown	303d Listed	Low	TMDL Needed (5A)
Shannahan Valley Creek	RIVER	13466	1257900	Sauk	0	1.33	1.33	Miles	Apr/01/2002	Habitat/Physical	BOD	Low DO	303d Listed	Low	TMDL Needed (5A)
Shannahan Valley Creek	RIVER	13466	1257900	Sauk	0	1.33	1.33	Miles	Apr/01/2002	Habitat/Physical	Ammonia (Unio	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Shannon Lake	LAKE	128610	1016800	Vilas			34.9	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Shea Lake	LAKE	10154	85400	Kewaunee			31.52	Acres	Apr/01/2020	NPS	Total Phosphoru	High Phosphorus Levels, Excess Algal Growth	Proposed for List	High	TMDL Needed (5A)
Sheboygan River	RIVER	11356	50700	Calumet,Manitowoc,Sheboygan,Fond du Lac	33.91	54.1	20.19	Miles	Apr/01/2020	PS/NPS	Total Phosphoru	Degraded Biological Community	Proposed for List	High	TMDL Needed (5A)
Sheboygan River	RIVER	11354	50700	Sheboygan	0	13.58	13.58	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Sheboygan River	RIVER	11354	50700	Sheboygan	0	13.58	13.58	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Sheboygan River	RIVER	5753343	50700	#N/A	56.03	76.85	20.82	Miles	Apr/01/2020	PS/NPS	Total Phosphoru	High Phosphorus Levels	Proposed for List	High	TMDL Needed (5A)
Sherman Creek	RIVER	16080	2125100	Chippewa, Eau Claire	0	14.03	14.03	Miles	Apr/01/2014	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Sherwood Lake	IMPOUNDMENT	14240	1736200	Clark			117	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Shoop Park Beach, Lake Michigan	GREAT LAKES BEACH	3992139	20	Racine	0	0.09	0.09	Miles	Apr/01/2014	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	Watershed Plan (5W)
Shoulder Creek	RIVER	18668	2188600	Taylor,Rusk	0	13	13	Miles	Apr/01/2020	PS/NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Silver Birch Lake	LAKE	15605	2054600	Pepin			144.56	Acres	Apr/01/1998	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth, Elevated pH	303d Listed	Low	TMDL Needed (5A)
Silver Creek	RIVER	11457	847600	Dodge	0	5.26	5.26	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Silver Creek	RIVER	9872	67300	Manitowoc	0	8.44	8.44	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Silver Creek	RIVER	8106635	67300	#N/A	8.7	17.98	9.28	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Silver Creek Mouth	LAKE	896230	146800	Green Lake			155.98	Acres	Apr/01/2012	Unknown	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Silver Creek(Havel Creek)	RIVER	10212	94900	Kewaunee	1.5	7	5.5	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Silver Lake	LAKE	15841	1881100	Barron			330.71	Acres	Apr/01/2012	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Silver Spring Creek	RIVER	13777	917700	Lafayette	0	5.9	5.9	Miles	Apr/01/2012	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Simmons Island Beach, Lake Michigan	GREAT LAKES BEACH	1452862	20	Kenosha	0	0.45	0.45	Miles	Apr/01/2006	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	Watershed Plan (5W)
Sinsinawa River	RIVER	13850	940200	Grant	10.31	21.13	10.82	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Siskiwit Lake	LAKE	890939	2882300	Bayfield			284.8	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Sissabagama Lake	LAKE	15374	2393500	Sawyer			805.42	Acres	Apr/01/2016	PS/NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Six Lake	LAKE	14899	2294500	Iron			142.44	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Six Mile Creek	RIVER	11691	805500	Dane	0	8.5	8.5	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Skinner Creek	RIVER	13678	894500	Green	0	14	14	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Slaughterhouse Creek	RIVER	12806	1568100	Oneida	0	0.7	0.7	Miles	Apr/01/1998	Contam. Sed.	Unspecified Met	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Slim Creek	RIVER	15998	2108400	Washburn	0	2.16	2.16	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Slim Lake	LAKE	16000	2109300	Washburn			209.86	Acres	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Snipe Lake	LAKE	128615	1018500	Vilas			215.5	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Solberg Lake	LAKE	14731	2242500	Price			843.58	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Solberg Lake	LAKE	14731	2242500	Price			843.58	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Somo Lake	LAKE	128861	1547700	Lincoln			404.02	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Soper Creek	RIVER	14129	1693400	Monroe	0	7.97	7.97	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
South Branch Creek	RIVER	3899370	3000073	Milwaukee	0	2.36	2.36	Miles	Apr/01/2018	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
South Branch Of Underwood Creek	RIVER	10028	16800	Milwaukee, Waukesha	0	1.11	1.11	Miles	Apr/01/2018	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
South Branch O'Neil Creek	RIVER	18626	1749300	Clark, Wood	0	18.07	18.07	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
South Branch Tenmile Creek	RIVER	1489448	1383200	Portage	6.94	11.18	4.24	Miles	Apr/01/2018	NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
South Branch Trade River	RIVER	16684	2641600	Polk	0	2.52	2.52	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	Watershed Plan (5W)
South Fish Creek	RIVER	17624	2889900	Bayfield	0	22.51	22.51	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
South Fork Eau Claire River	RIVER	5542152	2137000	Clark	21.87	38.7	16.83	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	Watershed Plan (5W)
South Fork Eau Claire River	RIVER	5542093	2137000	Clark, Taylor	38.7	48.93	10.23	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	Watershed Plan (5W)
South Fork Hay River	RIVER	1454817	2070100	Dunn	0	7.08	7.08	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
South Fork Lemonweir River	RIVER	888023	1338500	Monroe	6.21	12.2	5.99	Miles	Apr/01/1998	PS/NPS	BOD	Low DO	303d Listed	Low	TMDL Needed (5A)
South Fork Popple (Poplar) River	RIVER	14280	1754100	Clark	0	10	10	Miles	Apr/01/2012	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
South Fork Popple River	RIVER	14281	1754100	Clark	10	20	10	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
South Fork Thunder River	RIVER	18284	538400	Marinette, Oconto	0	4.36	4.36	Miles	Apr/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
South Fork Willow River	RIVER	16414	2609200	St. Croix	0	5.3	5.3	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
South Shore Beach, Lake Michigan	GREAT LAKES BEACH	481411	20	Milwaukee	0	0.65	0.65	Miles	Apr/01/2004	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Spice Lake	LAKE	900346	445900	Oconto			20.17	Acres	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Spider Lake	LAKE	891245	2918600	Ashland			86.39	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Spider Lake (Whispering)	LAKE	14992	2306300	Iron			358.69	Acres	Apr/01/2012	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Spillerberg Lake	LAKE	891279	2936200	Ashland			74.91	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Spirit Lake	LAKE	425781	1513000	Price, Taylor			136.8	Acres	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels, Excess Algal Growth	TMDL Development	High	Natural Conditions (5C)
Spirit Lake (Three Lakes Chain)	LAKE	128297	1612000	Oneida			347.76	Acres	Apr/01/2018	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Spirit River Flowage	IMPOUNDMENT	128009	1506800	Lincoln			1219.96	Acres	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels, Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
Spirit River Flowage	IMPOUNDMENT	128009	1506800	Lincoln			1219.96	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Spring (Dorn) Creek	RIVER	11693	805600	Dane	0	1	1	Miles	Apr/01/2018	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Spring (Dorn) Creek	RIVER	11694	805600	Dane	1	6.46	5.46	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Spring (Dorn) Creek	RIVER	11694	805600	Dane	1	6.46	5.46	Miles	Apr/01/2002	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Spring Brook Creek	RIVER	12432	1440800	Langlade	10.26	12.65	2.39	Miles	Apr/01/1998	Contam. Sed.	Unspecified Met	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Spring Brook Creek	RIVER	18345	1440800	Langlade	12.65	14.59	1.94	Miles	Apr/01/1998	Contam. Sed.	Unspecified Met	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Spring Brook Creek	RIVER	18345	1440800	Langlade	12.65	14.59	1.94	Miles	Apr/01/2014	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Spring Brook T02n R14e S27	RIVER	11615	791300	Rock	0	2	2	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Spring Creek	RIVER	10482	773400	Waukesha	0	6.57	6.57	Miles	Apr/01/1998	NPS	Total Phosphoru	Low DO	303d Listed	Low	TMDL Needed (5A)
Spring Creek (S29)	RIVER	1444913	2085900	Barron	0	5.14	5.14	Miles	Apr/01/2014	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	Watershed Plan (5W)
Spring Creek (Solon Spring Creek)	RIVER	1497732	2748100	Douglas	0	2.51	2.51	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	Watershed Plan (5W)
Spring Harbor Beach	INLAND BEACH	1491284	805400	Dane	0	0.1	0.1	Miles	Apr/01/2014	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Spring Lake Lower	LAKE	902136	820800	Jefferson			104.72	Acres	Apr/01/2012	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Squaw Lake	LAKE	18693	2271600	Oneida, Vilas			735.56	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
St Croix Creek	RIVER	17123	2749100	Douglas	0	1.04	1.04	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	Watershed Plan (5W)
St Croix River	RIVER	16373	2601400	Pierce, St. Croix	0	17.44	17.44	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
St Croix River	RIVER	890677	2601400	Polk	44.72	54.55	9.83	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
St Croix River	RIVER	890644	2601400	Polk, St. Croix	17.44	44.72	27.28	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
St. Croix Flowage	IMPOUNDMENT	17084	2740300	Douglas			2247.38	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
St. Louis River AOC, Howards Bay	BAY/HARBOR	1527203	2843800	Douglas			140.57	Acres	Apr/01/1998	Other	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
St. Louis River AOC, Howards Bay	BAY/HARBOR	1527203	2843800	Douglas			140.57	Acres	Apr/01/2010	Contam. Sed.	Lead	Lead Contaminated Sediments	303d Listed	Low	TMDL Needed (5A)
St. Louis River AOC, Howards Bay	BAY/HARBOR	1527203	2843800	Douglas			140.57	Acres	Apr/01/1998	Other	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
St. Louis River AOC, St. Louis River	BAY/HARBOR	17465	2843800	Douglas			5902.36	Acres	Apr/01/2006	Other	Unspecified Met	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
St. Louis River AOC, St. Louis River	BAY/HARBOR	17465	2843800	Douglas			5902.36	Acres	Apr/01/2010	Other	Dieldrin	Dieldrin Contaminated Sediments	303d Listed	Low	TMDL Needed (5A)
St. Louis River AOC, St. Louis River	BAY/HARBOR	17465	2843800	Douglas			5902.36	Acres	Apr/01/1998	Other	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
St. Louis River AOC, St. Louis River	BAY/HARBOR	17465	2843800	Douglas			5902.36	Acres	Apr/01/2010	Other	DDT	DDT Contaminated Sediments	303d Listed	Low	TMDL Needed (5A)
St. Louis River AOC, St. Louis River	BAY/HARBOR	17465	2843800	Douglas			5902.36	Acres	Apr/01/1998	Other	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
St. Louis River AOC, St. Louis River	BAY/HARBOR	17465	2843800	Douglas			5902.36	Acres	Apr/01/2010	Other	2,3,7,8-Tetrachl	Dioxin Contaminated Sediments	303d Listed	Low	TMDL Needed (5A)
St. Louis River AOC, St. Louis River	BAY/HARBOR	17465	2843800	Douglas			5902.36	Acres	Apr/01/2006	Other	PAHs	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Staples Lake	LAKE	16580	2631200	Barron, Polk			339.57	Acres	Apr/01/2018	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Starkweather Creek	RIVER	11668	805100	Dane	0	3.65	3.65	Miles	Apr/01/1998	Contam. Sed.	Unspecified Met	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Starkweather Creek	RIVER	11668	805100	Dane	0	3.65	3.65	Miles	Apr/01/1998	NPS	BOD	Low DO	303d Listed	Low	TMDL Needed (5A)
Starkweather Creek	RIVER	11668	805100	Dane	0	3.65	3.65	Miles	Apr/01/2016	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Starkweather Creek	RIVER	11668	805100	Dane	0	3.65	3.65	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Stony Brook	RIVER	18047	81500	Calumet	1.84	6.23	4.39	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Stony Creek	RIVER	10220	96100	Door	8.27	16.02	7.75	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Stony Creek	RIVER	10219	96100	Door, Kewaunee	0	8.26	8.26	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Stream 28-10	RIVER	15589	2050200	Pepin	0	8.09	8.09	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Stream C, trib to Flambeau River	RIVER	3924686	4000013	Rusk	0	0.55	0.55	Miles	Apr/01/2012	Unknown	Copper	Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Sucker Creek	RIVER	11343	50100	Ozaukee, Sheboygan	0	10.19	10.19	Miles	Apr/01/2012	Unknown	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Sugar Camp Lake	LAKE	128310	1020400	Oneida			519.14	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Sugar Creek	RIVER	10247	100500	Door	0	9	9	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Sugar Creek	RIVER	10488	752100	Walworth	0	26.33	26.33	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Sugar River	RIVER	13651	875300	Green, Rock	10.99	31.88	20.89	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Sugar River	RIVER	1855695	875300	Rock	0	10.99	10.99	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Sugar River	RIVER	8105719	875300	#N/A	33.2	38.45	5.25	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Sugar River	RIVER	8105801	875300	#N/A	38.45	56.14	17.69	Miles	Apr/01/2014	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Sugar River East Channel	RIVER	5476700	878400	Green	0	3.19	3.19	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Summit Lake	LAKE	127905	1445600	Langlade			279.17	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Swan Creek	RIVER	11662	803800	Dane	0	4.44	4.44	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Swan Creek	RIVER	13608	876700	Rock	0	5.13	5.13	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Swinns Valley Creek	RIVER	14351	1776000	Buffalo	0	8.49	8.49	Miles	Apr/01/2020	NPS	Total Phosphoru	High Phosphorus Levels	Addition	Low	TMDL Needed (5A)
Sylvan Lake (Pipe)	LAKE	15843	1884800	Barron			76.93	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
T22n, R22e, S23 Sesw (Denmark	RIVER	10131	89100	Brown	0	4.65	4.65	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Tagatz Creek	RIVER	10716	165800	Marquette	1.52	14.99	13.47	Miles	Apr/01/2018	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Tahkodah Lake	LAKE	890990	2473500	Bayfield			147.83	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Tainter Creek	RIVER	13137	1185500	Crawford,Vernon	2.45	15.03	12.58	Miles	Apr/01/2020	NPS	Unknown Pollut	Elevated Water Temperature	Proposed for List	Low	TMDL Needed (5A)
Tamarack Creek	RIVER	14332	1770300	Trempealeau	0	6.31	6.31	Miles	Apr/01/2012	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Taylor Creek	RIVER	13605	876300	Rock	0	6.06	6.06	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Teal Lake	LAKE	15519	2417000	Sawyer			1024.38	Acres	Apr/01/2016	PS/NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Ten Mile Creek	RIVER	1467873	2607900	St. Croix	4.54	7.59	3.05	Miles	Apr/01/2018	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	Watershed Plan (5W)
Tenmile Creek	RIVER	15797	2089400	Barron	0	2.12	2.12	Miles	Apr/01/2014	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	Watershed Plan (5W)
Tenmile Creek	RIVER	6977820	2089400	Barron, Rusk	3.24	21.12	17.88	Miles	Apr/01/2014	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	Watershed Plan (5W)
Tenmile Lake	LAKE	15798	2089500	Barron			265.78	Acres	Apr/01/2006	NPS	Total Phosphoru	Eutrophication	303d Listed	Low	Watershed Plan (5W)
Tenny Park Beach, Lake Mendota	INLAND BEACH	1527026	805400	Dane	0	0.1	0.1	Miles	Apr/01/2014	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Tess Corners Creek	RIVER	9965	6200	Milwaukee, Waukesha	0	7.3	7.3	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Thiel Creek	RIVER	10332	280100	Waupaca	0	6.7	6.7	Miles	Apr/01/2018	NPS	Total Phosphoru	Degraded Biological Community, High Phosphorus Levels	TMDL Development	High	Watershed Plan (5W)
Third Lake (Moen's Lake Chain)	LAKE	128317	1572200	Oneida			96.66	Acres	Apr/01/2014	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Thompson Valley Creek	RIVER	16106	2131100	Eau Claire	2.71	9.77	7.06	Miles	Apr/01/2014	NPS	Unknown Pollut	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	Watershed Plan (5W)
Thompson Valley Creek	RIVER	16106	2131100	Eau Claire	2.71	9.77	7.06	Miles	Apr/01/2014	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	Watershed Plan (5W)
Thompson Valley Creek	RIVER	16107	2131100	Eau Claire	0	2.7	2.7	Miles	Apr/01/2014	NPS	Unknown Pollut	Degraded Habitat	303d Listed	Low	Watershed Plan (5W)
Thompson Valley Creek	RIVER	16107	2131100	Eau Claire	0	2.7	2.7	Miles	Apr/01/2014	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	Watershed Plan (5W)
Tichigan Lake	LAKE	10476	763600	Racine			281.7	Acres	Apr/01/2014	Unknown	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Tichigan Lake	LAKE	10476	763600	Racine			281.7	Acres	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	TMDL Needed (5A)
Timber Creek	RIVER	14401	1796700	Jackson, Trempealeau	0	4.19	4.19	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Token Creek	RIVER	5546058	806600	Dane	7.25	9.9	2.65	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Token Creek	RIVER	5546125	806600	Dane	9.9	11.65	1.75	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Tomah Lake	IMPOUNDMENT	13599	1342100	Monroe			245.49	Acres	Apr/01/1998	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth, Elevated pH	303d Listed	Low	TMDL Needed (5A)
Tomorrow/Waupaca River	RIVER	315909	257400	Portage	32.77	38.58	5.81	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Tomorrow/Waupaca River	RIVER	315930	257400	Portage	38.58	45.98	7.4	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Tomorrow/Waupaca River	RIVER	1493981	270400	Portage	18.45	32.3	13.85	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Town Creek	RIVER	14181	1708100	Jackson	0	4	4	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Town Line Flowage	IMPOUNDMENT	18607	1717300	Jackson			131.26	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Trade Lake, Little	LAKE	16674	2639300	Burnett			125.89	Acres	Apr/01/2018	PS/NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Trade River	RIVER	1517663	2636000	Polk	39.48	44.19	4.71	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Trade River	RIVER	6978199	2636000	#N/A	33.15	35.92	2.77	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Trade River	RIVER	6978241	2636000	#N/A	37.01	39.48	2.47	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Trappers Creek	RIVER	14292	1758400	Clark, Taylor	0	14.54	14.54	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Tree Lake	LAKE	10324	289400	Portage			73.24	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Trego Lake	LAKE	17332	2712000	Washburn			383.26	Acres	Apr/01/2018	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Trempealeau River	RIVER	362004	1769900	Jackson	69.85	81.51	11.66	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Trempealeau River	RIVER	361967	1769900	Jackson, Trempealeau	61.98	69.85	7.87	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Trempealeau River	RIVER	14412	1769900	Trempealeau	0	31.28	31.28	Miles	Apr/01/2002	Other	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Trempealeau River	RIVER	14412	1769900	Trempealeau	0	31.28	31.28	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Trempealeau River	RIVER	361924	1769900	Trempealeau	31.28	61.32	30.04	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Trempealeau River	RIVER	8105983	1769900	#N/A	31.28	51.72	20.44	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Trempealeau River	RIVER	8106050	1769900	#N/A	51.72	61.32	9.6	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Trib To Brewery Creek	RIVER	353179	928700	Iowa	0	2.25	2.25	Miles	Apr/01/1998	PS/NPS	Cadmium	Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Trib To Brewery Creek	RIVER	353179	928700	Iowa	0	2.25	2.25	Miles	Apr/01/1998	PS/NPS	Mercury	Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Trib To Brewery Creek	RIVER	353179	928700	Iowa	0	2.25	2.25	Miles	Apr/01/1998	PS/NPS	Lead	Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Trib To Brewery Creek	RIVER	353179	928700	Iowa	0	2.25	2.25	Miles	Apr/01/1998	PS/NPS	Zinc	Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Trib To Livingston Br	RIVER	353406	932800	Iowa	0	3.5	3.5	Miles	Apr/01/1998	NPS	BOD	Low DO	303d Listed	Low	TMDL Needed (5A)
Trib To Livingston Br	RIVER	353406	932800	Iowa	0	3.5	3.5	Miles	Apr/01/1998	NPS	Ammonia (Unio	Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Trib To Livingston Br	RIVER	353406	932800	Iowa	0	3.5	3.5	Miles	Apr/01/1998	NPS	Total Phosphoru	Degraded Biological Community, Acute Aquatic Toxicity	303d Listed	Medium	TMDL Needed (5A)
Trib To The East River	RIVER	890826	5018099	Brown	0.65	1.38	0.73	Miles	Apr/01/1998	Contam. Sed.	PCBs	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
TRIBUTARY TO DEAD CREEK TO	RIVER	1517006	860400	Dodge	0	1.49	1.49	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Tributary to Rock River	RIVER	1517805	870500	Fond Du Lac	0	1.63	1.63	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Tripp Lake	LAKE	11781	816000	Walworth			121.13	Acres	Apr/01/2012	PS/NPS	Total Phosphoru	Impairment Unknown, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Trout Brook	RIVER	17721	2913900	Ashland	0	3.25	3.25	Miles	Apr/01/2016	PS/NPS	Fecal Coliform	Recreational Restrictions - Pathogens	303d Listed	Low	Watershed Plan (5W)
Trout Creek	RIVER	6898359	515900	Marinette	0	3.65	3.65	Miles	Apr/01/2018	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	Watershed Plan (5W)
Trout Run	RIVER	361621	1695500	Jackson	2.27	7.55	5.28	Miles	Apr/01/1998	NPS	BOD	Low DO	303d Listed	Low	TMDL Needed (5A)
Trout Run	RIVER	361621	1695500	Jackson	2.27	7.55	5.28	Miles	Apr/01/1998	NPS	Sediment/Total	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Trout Run Creek	RIVER	14344	1775000	Trempealeau	0	3.8	3.8	Miles	Apr/01/2014	NPS	Unknown Pollut	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Trout Run Creek	RIVER	14344	1775000	Trempealeau	0	3.8	3.8	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Trout Run Creek	RIVER	14345	1775000	Trempealeau	3.8	6.05	2.25	Miles	Apr/01/2014	NPS	Unknown Pollut	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Trude Lake	LAKE	14946	2295200	Iron			785.67	Acres	Apr/01/2002	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Trump Coulee Creek	RIVER	14414	1800600	Jackson, Trempealeau	0	7.71	7.71	Miles	Apr/01/1998	NPS	Total Phosphoru	Low DO	303d Listed	Low	TMDL Needed (5A)
Tug Lake	LAKE	128014	1482400	Lincoln			151.45	Acres	Apr/01/2010	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Turner Lake (Pike Lake Chain)	LAKE	14814	2268500	Price, Vilas			158.56	Acres	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown, Excess Algal Growth	303d Listed	Low	Natural Conditions (5C)
Turtle Creek	RIVER	1480471	790300	Rock, Walworth	0.95	24.77	23.82	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Turtle Lake, North	LAKE	15010	2310400	Vilas			359.15	Acres	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Addition	Low	Natural Conditions (5C)
Turtle Lake, South	LAKE	15009	2310200	Vilas			466.19	Acres	Apr/01/2018	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Turtle-Flambeau Flowage	IMPOUNDMENT	14944	2294900	Iron			12942.5	Acres	Apr/01/2002	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Turtle-Flambeau Flowage	IMPOUNDMENT	14944	2294900	Iron			12942.5	Acres	Apr/01/2014	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Natural Conditions (5C)
Turton Creek (American Valley	RIVER	14354	1777100	Trempealeau	2.87	3.6	0.73	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Turton Creek (American Valley Creek)	RIVER	5688435	1777100	Trempealeau	0	2.87	2.87	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	TMDL Development	High	TMDL Needed (5A)
Twin Falls Flowage	LAKE	127710	701900	Florence			569.65	Acres	Apr/01/2018	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Twin Hill Creek	RIVER	10135	89600	Brown	0	5.95	5.95	Miles	Apr/01/2020	NPS	Total Phosphoru	High Phosphorus Levels	Proposed for List	High	TMDL Needed (5A)
Twin Lakes	LAKE	128574	1623800	Vilas			2871.01	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	TMDL Development	High	Natural Conditions (5C)
Twin Lakes	LAKE	128617	1623700	Vilas			627.73	Acres	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Twin Valley Lake	LAKE	13431	1245800	Iowa			135.92	Acres	Apr/01/2016	PS/NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Two Rivers Harbor	BAY/HARBOR	482709	47	Manitowoc			11.35	Acres	Apr/01/1998	Other	Unknown Pollut	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Ulao Creek	RIVER	10012	21200	Ozaukee	0	8.6	8.6	Miles	Apr/01/2016	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Un Creek (T13n R 19e Nw Ne 06)	RIVER	10128	43500	Fond Du Lac	0	10.9	10.9	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Un Tr To Shullsburg Br	RIVER	13845	937800	Lafayette	0	4.3	4.3	Miles	Apr/01/1998	NPS	Lead	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Un Tr To Shullsburg Br	RIVER	13845	937800	Lafayette	0	4.3	4.3	Miles	Apr/01/1998	NPS	Zinc	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Un Tr To Shullsburg Br	RIVER	13845	937800	Lafayette	0	4.3	4.3	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Un Trib To Sinsinawa River	RIVER	13851	941100	Grant	0	5.93	5.93	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Un. Creek (Brown Deer Creek)(T08n R22e Sw Nw 07)	RIVER	10007	19700	Milwaukee	0	2.3	2.3	Miles	Apr/01/2018	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Un. Creek (T14n R18e Nw Ne 27)	RIVER	11261	44200	Fond Du Lac	0	5.7	5.7	Miles	Apr/01/2016	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Un. Creek (Trinity Creek)(T09n R21e Se Ne 35)	RIVER	10010	20400	Milwaukee, Ozaukee	0	3.1	3.1	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Un. Trib. To Onion River via Waldo	RIVER	1489156	52600	Sheboygan	0.4	4.13	3.73	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Underwood Creek	RIVER	10026	16700	Milwaukee	0	2.84	2.84	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community, Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Underwood Creek	RIVER	10026	16700	Milwaukee	0	2.84	2.84	Miles	Apr/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Underwood Creek	RIVER	10027	16700	Milwaukee, Waukesha	2.84	8.54	5.7	Miles	Apr/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Unnamed	RIVER	5719859	3385	Milwaukee, Racine	0	2.92	2.92	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Watershed Plan (5W)
Unnamed (Trib To Crawford	RIVER	891570	0	Douglas				Miles	Apr/01/1998	Contam. Sed.	Creosote	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Unnamed (Trib To Crawford	RIVER	891570	0	Douglas				Miles	Apr/01/1998	Contam. Sed.	PAHs	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Unnamed Cr 17-6 (T30n, R3e, S17, Nwnw, 37)	RIVER	12482	1460500	Marathon, Taylor	0	3.9	3.9	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	Natural Conditions (5C)
Unnamed Creek	RIVER	482551	3000057	Calumet	0	2.92	2.92	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Unnamed Creek	RIVER	5746464	131130	Calumet	0	1.89	1.89	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	TMDL Development	High	TMDL Needed (5A)
Unnamed Creek	RIVER	1525949	5000547	Douglas	0	0.69	0.69	Miles	Apr/01/2014	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Unnamed Creek (T18n, R21e, S13)	RIVER	9889	73700	Manitowoc	0	4	4	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Unnamed Creek 2-13 (T29n, R4e,	RIVER	18359	1458300	Marathon	0	3.22	3.22	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Unnamed Creek Trib To Upper	RIVER	305082	804100	Dane	0	5.65	5.65	Miles	Apr/01/2018	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	Phosphorus Listed (5P)
Unnamed Creek(T22n,R20e,S31)	RIVER	10686	120500	Brown	0	10	10	Miles	Apr/01/2020	PS/NPS	Total Phosphoru	High Phosphorus Levels	Proposed for List	Low	Watershed Plan (5W)
Unnamed Ditch to Lk Michigan	RIVER	5536074	3000624	Marinette	0	3.53	3.53	Miles	Apr/01/2018	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	Watershed Plan (5W)
Unnamed Stream	RIVER	5512970	801500	Dane	0	3.71	3.71	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Unnamed Stream	RIVER	5513101	802400	Dane	0	5.33	5.33	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Unnamed Stream	RIVER	5500551	3000212	Kewaunee	0	1.93	1.93	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Unnamed Stream	RIVER	5500585	3000213	Kewaunee	0	0.38	0.38	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Unnamed Stream	RIVER	5500585	3000213	Kewaunee	0	0.38	0.38	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	TMDL Needed (5A)
Unnamed Stream	RIVER	5506375	453700	Oconto	0	0.71	0.71	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	Natural Conditions (5C)
Unnamed Stream	RIVER	8110198	1764700	#N/A	0	1.2	1.2	Miles	Apr/01/2020	NPS	Total Phosphoru	High Phosphorus Levels	Proposed for List	Low	TMDL Needed (5A)
Unnamed Stream	RIVER	8111314	5039986	#N/A	0	1.51	1.51	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Unnamed Stream	RIVER	8111273	5021372	#N/A	0	7.29	7.29	Miles	Apr/01/2020	NPS	Total Phosphoru	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Unnamed Stream (R21e S18	RIVER	10041	18350	Milwaukee, Waukesha	0	2	2	Miles	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Unnamed Stream (T19n, R22e,	RIVER	18037	71600	Manitowoc	0	3	3	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Unnamed Trib (T19n, R21e, S02)	RIVER	18035	75500	Manitowoc	0	4.11	4.11	Miles	Apr/01/2020	PS/NPS	Unknown Pollut	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Unnamed Trib T22n, R22e, S03 Sesw	RIVER	10134	89500	Brown	0	9.01	9.01	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	TMDL Development	High	TMDL Needed (5A)
Unnamed Trib to Burgy Cr	RIVER	4000228	881000	Green	0	3.82	3.82	Miles	Apr/01/2014	NPS	Sediment/Total	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Unnamed Trib to Fischer River	RIVER	6863003	2182400	Chippewa, Taylor	1.7	5.46	3.76	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Unnamed Trib to Fourmile Creek	RIVER	6853227	64800	Sheboygan	0	1.52	1.52	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Unnamed Trib to Lake Kegonsa	RIVER	6860960	803300	Dane	0	3.01	3.01	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Unnamed Trib to Lake Michigan	RIVER	5476532	498000	Marinette	0	6.04	6.04	Miles	Apr/01/2018	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	Watershed Plan (5W)
Unnamed Trib to Lotus Lake	RIVER	5477038	5006441	Polk	2.46	4.74	2.28	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Unnamed Trib to Marengo R	RIVER	5702214	2919600	Bayfield	0	5.87	5.87	Miles	Apr/01/2016	PS/NPS	Fecal Coliform	Recreational Restrictions - Pathogens	303d Listed	Low	Watershed Plan (5W)
Unnamed Trib to Mineral Point Br	RIVER	3991126	931000	Iowa	0	3.92	3.92	Miles	Apr/01/2018	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Unnamed Trib to Peshtigo River	RIVER	6776774	5008538	Marinette	0	0.63	0.63	Miles	Apr/01/2018	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	Watershed Plan (5W)
Unnamed Trib to Peshtigo River	RIVER	6776865	515600	Marinette	0	0.53	0.53	Miles	Apr/01/2018	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	Watershed Plan (5W)
Unnamed Trib to Peshtigo River	RIVER	6776931	5008359	Marinette	0.45	2.21	1.76	Miles	Apr/01/2018	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	Watershed Plan (5W)
Unnamed Trib to Pheasant Br.	RIVER	5702430	5035724	Dane	0	4.98	4.98	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Unnamed Trib to S Fish Creek	RIVER	5698877	2890200	Bayfield	0	6.73	6.73	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Unnamed Trib to Spring Creek	RIVER	5477277	5033250	Columbia, Dane	0	3.78	3.78	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Unnamed Trib to Token Creek	RIVER	6876076	5033839	Dane	0	0.64	0.64	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Unnamed Trib to Trib of S Br Rock	RIVER	5514082	871000	Fond Du Lac	0	5.01	5.01	Miles	Apr/01/2016	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Unnamed Trib to W Br Root River	RIVER	6853289	4840	Racine	0	3.9	3.9	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Watershed Plan (5W)
Unnamed Trib to Yahara R	RIVER	5536735	5033743	Dane	0	1.14	1.14	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Unnamed Trib to Yahara R	RIVER	5703959	806300	Dane	0	2.51	2.51	Miles	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Unnamed Trib to Yahara River	RIVER	6854039	5034240	#N/A	0	1.69	1.69	Miles	Apr/01/2020	PS/NPS	Total Phosphoru	High Phosphorus Levels	Proposed for List	Low	TMDL Needed (5A)
Unnamed Trib. to Unnamed Creek	RIVER	5513721	5030146	Washington	0	1.83	1.83	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Unnamed Tributary to Silver	RIVER	3991302	5040863	Lafayette	0	1.43	1.43	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Unnamed W Trib to Schoenick Cr	RIVER	3997977	321400	Shawano	0	1.17	1.17	Miles	Apr/01/2018	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Upper Buckatabon Lake	LAKE	128692	1621800	Vilas			492.99	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	TMDL Development	High	Natural Conditions (5C)
Upper Fox River	RIVER	359244	117900	Columbia	162.1	166.56	4.46	Miles	Apr/01/2002	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Upper Fox River	RIVER	359274	117900	Columbia, Marquette	145.65	162.1	16.45	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Upper Kelly Lake	LAKE	207470	7100	Milwaukee, Waukesha			12.68	Acres	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Upper Koshkonong	RIVER	304937	808800	Dane, Jefferson	27.27	48.42	21.15	Miles	Apr/01/2012	NPS	Total Phosphoru	Degraded Biological Community, High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Upper Pine Creek	RIVER	15766	2087300	Barron	12.82	18.3	5.48	Miles	Apr/01/2018	PS/NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	Watershed Plan (5W)
Upper Pine Creek	RIVER	1515438	2087300	Barron	2.32	11.32	9	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	Watershed Plan (5W)
Upper Pixley Flowage	IMPOUNDMENT	890453	2225000	Price			84.32	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Upper Sugar River	RIVER	1520990	875300	Dane	56.14	82.33	26.19	Miles	Apr/01/2020	PS/NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Natural Conditions (5C)
Upper Turtle Lake	LAKE	15711	2079800	Barron			427.02	Acres	Apr/01/2018	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Upper Vermillion Lake	LAKE	15868	2098800	Barron			91.47	Acres	Apr/01/2020	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	Proposed for List	Low	Watershed Plan (5W)
Van Zile Lake	LAKE	127822	608400	Florence, Forest			78.25	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Vance Creek	RIVER	1515495	2077100	Barron	3.16	4.96	1.8	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Vance Creek	RIVER	15695	2077100	Dunn	0	3.16	3.16	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Vermillion Creek & Spring	RIVER	1452285	2098700	Barron	0	1.53	1.53	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Vilas Park Beach	INLAND BEACH	1490942	805000	Dane	0	0.25	0.25	Miles	Apr/01/2008	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Villa Mann Creek	RIVER	9978	15300	NA	0	1.2	1.2	Miles	Apr/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Virgin Lake	LAKE	128371	1614100	Oneida			260.79	Acres	Apr/01/2016	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Vosse Coulee Creek	RIVER	14416	1801800	Jackson,Trempealeau	0	6.27	6.27	Miles	Apr/01/2020	NPS	Total Phosphoru	High Phosphorus Levels	Proposed for List	Low	TMDL Needed (5A)
W. Br. Starkweather Creek	RIVER	893239	805200	Dane	0	2.6	2.6	Miles	Apr/01/2016	NPS	Chloride	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Wapogasset Lake	LAKE	16486	2618000	Polk			1188.84	Acres	Apr/01/2012	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Ward Lake	LAKE	18912	2599400	Polk			82.2	Acres	Apr/01/2012	PS/NPS	Total Phosphoru	Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Warm Water Beach, Lake Michigan	GREAT LAKES BEACH	1452984	20	Manitowoc	0	0.78	0.78	Miles	Apr/01/2006	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Waumandee Creek	RIVER	14439	1808300	Buffalo	0	12.38	12.38	Miles	Apr/01/2020	NPS	Total Phosphoru	High Phosphorus Levels	Proposed for List	Low	TMDL Needed (5A)
Waupaca River	RIVER	315887	257400	Waupaca	17.25	32.77	15.52	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Waxdale Creek	RIVER	10527	2300	Racine	0	2.91	2.91	Miles	Apr/01/2008	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	Watershed Plan (5W)
Wayne Creek	RIVER	1438861	865500	Washington	0	3.1	3.1	Miles	Apr/01/2012	NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Wedde Creek	RIVER	11069	156000	Marquette	0	5.14	5.14	Miles	Apr/01/2016	NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
West Br Baraboo River	RIVER	13026	1288400	Juneau, Vernon	0	7.24	7.24	Miles	Apr/01/1998	NPS	BOD	Low DO	303d Listed	Low	TMDL Needed (5A)
West Br Blue Mounds Creek	RIVER	13434	1250400	Iowa	0	7.7	7.7	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
West Branch Eau Claire River	RIVER	7155592	1445700	#N/A	31.94	32.79	0.85	Miles	Apr/01/2014	NPS	Total Phosphoru	Degraded Biological Community	TMDL Development	High	TMDL Needed (5A)
West Branch Fond Du Lac River	RIVER	10990	134000	Fond Du Lac	0	26.79	26.79	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
West Branch Little Black	RIVER	14320	1766200	Taylor	0	12.96	12.96	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
West Branch Milwaukee River	RIVER	10117	40400	Dodge, Fond Du Lac, Washington	0	20.6	20.6	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
West Branch Root River Canal	RIVER	9963	4500	Racine	0	4.43	4.43	Miles	Apr/01/1998	NPS	Total Phosphoru	Low DO	303d Listed	Medium	Watershed Plan (5W)
West Branch Root River Canal	RIVER	9963	4500	Racine	0	4.43	4.43	Miles	Apr/01/1998	NPS	Sediment/Total	Low DO	303d Listed	Medium	Watershed Plan (5W)
West Branch Sugar River	RIVER	13658	886100	Dane	0	7.64	7.64	Miles	Apr/01/2012	NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
West Branch Sugar River	RIVER	13659	886100	Dane	7.65	18.82	11.17	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
West Thunder Creek	RIVER	11928	538100	Oconto	0	1.42	1.42	Miles	Apr/01/2018	NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	Natural Conditions (5C)
West Twin Lake	LAKE	890711	2462300	St. Croix			98.55	Acres	Apr/01/1998	PS/NPS	Total Phosphoru	Eutrophication, Elevated pH	303d Listed	Low	Watershed Plan (5W)
West Twin River	RIVER	9948	87000	Manitowoc	5.9	15.41	9.51	Miles	Apr/01/1998	NPS	Total Phosphoru	Low DO	303d Listed	Medium	TMDL Needed (5A)
West Twin River	RIVER	9949	87000	Manitowoc	15.41	15.76	0.35	Miles	Apr/01/1998	NPS	Total Phosphoru	Low DO	303d Listed	Medium	TMDL Needed (5A)
West Twin River	RIVER	9950	87000	Manitowoc	15.77	17.12	1.35	Miles	Apr/01/1998	NPS	Total Phosphoru	Low DO	303d Listed	Medium	TMDL Needed (5A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
West Twin River	RIVER	18050	87000	Manitowoc	0	5.9	5.9	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
West Twin River	RIVER	18050	87000	Manitowoc	0	5.9	5.9	Miles	Apr/01/2012	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
West Twin River	RIVER	18050	87000	Manitowoc	0	5.9	5.9	Miles	Apr/01/1998	NPS	Total Phosphoru	Low DO	303d Listed	Medium	TMDL Needed (5A)
West Twin River	RIVER	18051	87000	Manitowoc	17.13	18.44	1.31	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
West Twin River	RIVER	18051	87000	Manitowoc	17.13	18.44	1.31	Miles	Apr/01/1998	NPS	Total Phosphoru	Low DO	303d Listed	Medium	TMDL Needed (5A)
Weyers Lake	LAKE	9859	49400	Manitowoc			5.61	Acres	Apr/01/2018	NPS	Total Phosphoru	High Phosphorus Levels, Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
White Ash Lake	LAKE	16567	2628600	Polk			147.08	Acres	Apr/01/2012	Other	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
White Ash Lake, North	LAKE	16568	2628800	Polk			115.75	Acres	Apr/01/2014	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
White Birch Lake (Ballard Chain)	LAKE	15234	2340500	Vilas			112.92	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
White Creek	RIVER	14119	1691700	Jackson	0	3.1	3.1	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
White Mound Lake	LAKE	13469	1258100	Sauk			92.51	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
White River	RIVER	10453	751200	Walworth	0	15.45	15.45	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
White Tail Flowage	IMPOUNDMENT	14201	1717500	Jackson			94	Acres	Apr/01/2002	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Whitefish Lake	LAKE	128378	1613500	Oneida			198.84	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Whitefish Lake	LAKE	18750	2392000	Sawyer			799.59	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Whiteside Creek	RIVER	13691	899700	Lafayette	0	1.55	1.55	Miles	Apr/01/2018	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Wi-173-Lw18-978900	LAKE	13489	978900	Columbia, Dane			524.96	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	TMDL Needed (5A)
Willow Creek	RIVER	11581	871500	Fond Du Lac	0	6.84	6.84	Miles	Apr/01/2018	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Willow Creek	RIVER	10768	243700	Waushara	0	9.56	9.56	Miles	Apr/01/2016	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Willow Creek	RIVER	10769	243700	Waushara	14.19	30.44	16.25	Miles	Apr/01/2018	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Willow Creek	RIVER	6902972	243700	Waushara	13.24	14.19	0.95	Miles	Apr/01/2018	PS/NPS	Unknown Pollut	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Willow Flowage	LAKE	128380	1528300	Oneida			4229.44	Acres	Apr/01/2012	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Willow Lake	LAKE	128381	1529500	Oneida			409.62	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Willow River (140 St to 100th)	RIVER	16411	2606900	St. Croix	13.75	15.73	1.98	Miles	Apr/01/1998	PS/NPS	Total Phosphoru	Low DO	TMDL Development	High	Watershed Plan (5W)
Willow River (140 St to 100th)	RIVER	16411	2606900	St. Croix	13.75	15.73	1.98	Miles	Apr/01/1998	PS/NPS	BOD	Low DO	303d Listed	Low	Watershed Plan (5W)
Willow River (Mouth to Dam)	RIVER	1468860	2606900	Saint Croix	2.55	5.07	2.52	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Willow River (to confluence of branches)	RIVER	1525181	2606900	Saint Croix	26.29	32.47	6.18	Miles	Apr/01/2020	NPS	Total Phosphoru	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Wilson Creek	RIVER	15662	2066000	Dunn	3.36	14.37	11.01	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Wilson Creek	RIVER	18788	2066000	Dunn	0	3.37	3.37	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Wilson Lake (Wilson Ck Fl)	LAKE	14720	2239400	Price			348.03	Acres	Apr/01/2012	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Wilson Park Creek	RIVER	9975	15200	Milwaukee	0	3.5	3.5	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Wilson Park Creek	RIVER	9975	15200	Milwaukee	0	3.5	3.5	Miles	Apr/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Wind Lake	LAKE	10469	761700	Racine			919.28	Acres	Apr/01/1998	NPS	Total Phosphoru	Low DO, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Windigo Lake (Bass)	LAKE	15354	2046600	Sawyer			503.17	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Winnebago County Community Swim Area	INLAND BEACH	6878159	5556614	Winnebago	0	0.06	0.06	Miles	Apr/01/2018	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Winter Lake (Price Flowage)	IMPOUNDMENT	15324	2381100	Sawyer			256.85	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Wisconsin Point Beach #2, Lake Superior	GREAT LAKES BEACH	1490997	2751220	Douglas	0	0.48	0.48	Miles	Apr/01/2008	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Wisconsin Point Beach 1, Lake Superior	GREAT LAKES BEACH	3897974	2751220	Douglas	0	0.28	0.28	Miles	Apr/01/2014	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Wisconsin Point Beach 3, Lake Superior	GREAT LAKES BEACH	3897996	2751220	Douglas	0	0.11	0.11	Miles	Apr/01/2014	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	RIVER	885619	1179900	Adams, Columbia, Juneau, Sauk	138.07	158.68	20.61	Miles	Apr/01/1998	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	RIVER	885619	1179900	Adams, Columbia, Juneau, Sauk	138.07	158.68	20.61	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	RIVER	885921	1179900	Adams, Juneau, Wood	188.04	204.41	16.37	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Wisconsin River	RIVER	885476	1179900	Columbia, Dane, Iowa, Sauk	57.66	90.6	32.94	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	RIVER	12920	1179900	Columbia, Sauk	90.6	115.81	25.21	Miles	Apr/01/1998	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	RIVER	12920	1179900	Columbia, Sauk	90.6	115.81	25.21	Miles	Apr/01/2008	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	RIVER	885546	1179900	Columbia, Sauk	115.81	137.63	21.82	Miles	Apr/01/1998	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	RIVER	885546	1179900	Columbia, Sauk	115.81	137.63	21.82	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	RIVER	12919	1179900	Crawford, Grant	0	27.68	27.68	Miles	Apr/01/2002	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	RIVER	12919	1179900	Crawford, Grant	0	27.68	27.68	Miles	Apr/01/2002	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	RIVER	885432	1179900	Crawford, Grant, Iowa, Richland	27.68	57.66	29.98	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	RIVER	886523	1179900	Lincoln	289.34	293.84	4.5	Miles	Apr/01/1998	Contam. Sed.	Unknown Pollut	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	RIVER	886383	1179900	Lincoln, Marathon	268.18	289.34	21.16	Miles	Apr/01/1998	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	RIVER	886383	1179900	Lincoln, Marathon	268.18	289.34	21.16	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	RIVER	886337	1179900	Marathon, Portage	237.21	268.18	30.97	Miles	Apr/01/1998	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	RIVER	886337	1179900	Marathon, Portage	237.21	268.18	30.97	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	RIVER	886006	1179900	Portage	223.69	237.21	13.52	Miles	Apr/01/1998	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	RIVER	886006	1179900	Portage	223.69	237.21	13.52	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	RIVER	885964	1179900	Portage, Wood	204.41	223.69	19.28	Miles	Apr/01/1998	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	RIVER	885964	1179900	Portage, Wood	204.41	223.69	19.28	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River (At Castle Rock	RIVER	885667	1179900	Adams, Juneau	158.68	173.27	14.59	Miles	Apr/01/1998	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River (At Castle Rock	RIVER	885667	1179900	Adams, Juneau	158.68	173.27	14.59	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River (At Petenwell	RIVER	885864	1179900	Adams, Juneau	173.27	188.04	14.77	Miles	Apr/01/1998	Contam. Sed.	Dioxin	Dioxin Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River (At Petenwell	RIVER	885864	1179900	Adams, Juneau	173.27	188.04	14.77	Miles	Apr/01/1998	Contam. Sed.	Mercury	Mercury Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River (At Petenwell	RIVER	885864	1179900	Adams, Juneau	173.27	188.04	14.77	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wissota Lake	IMPOUNDMENT	16248	2152800	Chippewa			4070.6	Acres	Apr/01/1998	Atm. Dep.	PCBs	PCBs Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wissota Lake	IMPOUNDMENT	16248	2152800	Chippewa			4070.6	Acres	Apr/01/2014	NPS	Total Phosphoru	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Wolf Lake	LAKE	899093	241100	Portage			22.05	Acres	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Wolf River	RIVER	889163	2146000	Chippewa, Clark	6.58	15.63	9.05	Miles	Apr/01/1998	PS/NPS	Unknown Pollut	Low DO	303d Listed	Low	Watershed Plan (5W)
Wolf River	RIVER	889163	2146000	Chippewa, Clark	6.58	15.63	9.05	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Medium	Watershed Plan (5W)
Wolf River	RIVER	16149	2146000	Chippewa, Clark, Eau Claire	0	6.58	6.58	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	High Phosphorus Levels	303d Listed	Low	Watershed Plan (5W)
Wolf River	RIVER	5696892	2146000	Chippewa, Clark, Taylor	16.12	31.29	15.17	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Watershed Plan (5W)
Wolf Valley Creek	RIVER	14451	1811200	Buffalo	0	2.7	2.7	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Wood Lake	LAKE	16715	2649800	Burnett			521.24	Acres	Apr/01/2014	NPS	Unknown Pollut	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Wood Lake	LAKE	16715	2649800	Burnett			521.24	Acres	Apr/01/2020	NPS	Total Phosphoru	Eutrophication	Addition	Low	Watershed Plan (5W)
Woodward Creek	RIVER	360562	1691900	Jackson	0	4.02	4.02	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Yahara River	RIVER	3990161	798300	Columbia, Dane	47.02	63.02	16	Miles	Apr/01/2016	NPS	Chloride	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Yahara River	RIVER	5536043	798300	Dane	42.7	47.02	4.32	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Yeager Valley Creek	RIVER	14445	1810200	Buffalo	0	4.43	4.43	Miles	Apr/01/1998	NPS	Sediment/Total	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Yellow Lake	LAKE	16930	2675200	Burnett			2283.51	Acres	Apr/01/2010	Other	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	Watershed Plan (5W)
Yellow River	RIVER	1452311	2096100	Barron	0	9.75	9.75	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Watershed Plan (5W)
Yellow River	RIVER	18849	2154500	Chippewa, Taylor	0	45.42	45.42	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Yellowstone Lake	LAKE	902228	903700	Lafayette			453.34	Acres	Apr/01/2014	NPS	Total Phosphoru	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Yellowstone River	RIVER	18552	902500	Iowa, Lafayette	17.5	25	7.5	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Yellowstone River	RIVER	13711	902500	Lafayette	0	10.35	10.35	Miles	Apr/01/2016	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Yellowstone River	RIVER	13712	902500	Lafayette	12.8	13.5	0.7	Miles	Apr/01/2018	PS/NPS	Total Phosphoru	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Yellowstone River	RIVER	13713	902500	Lafayette	13.5	17.5	4	Miles	Apr/01/2014	NPS	Unknown Pollut	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Ymca Beach, Lake Michigan	GREAT LAKES BEACH	481912	20	Manitowoc	0	0.21	0.21	Miles	Apr/01/2004	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Young Branch	RIVER	13898	946400	Grant	0	3	3	Miles	Apr/01/2012	NPS	Total Phosphoru	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Zion Creek	RIVER	424601	772400	Waukesha	0	1.65	1.65	Miles	Apr/01/1998	PS/NPS	Total Phosphoru	Low DO	303d Listed	Low	TMDL Needed (5A)
Zion Creek	RIVER	424601	772400	Waukesha	0	1.65	1.65	Miles	Apr/01/1998	PS/NPS	Sediment/Total	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)

Appendix B

Restoration Waters List

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Adell Tributary	RIVER	10092	33000	Sheboygan	0	4.96	4.96	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Alto Creek	RIVER	11414	835900	Dodge	0	6.15	6.15	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Low flow alterations, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Anderson Creek	RIVER	10987	133300	Fond Du Lac	0	7.26	7.26	Miles	Apr/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Anderson Creek	RIVER	10987	133300	Fond Du Lac	0	7.26	7.26	Miles	Apr/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Apple Branch	RIVER	18546	899800	Lafayette	4.9	7.67	2.77	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Apple Creek	RIVER	313933	124100	Brown	0	3.99	3.99	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Apple Creek	RIVER	313933	124100	Brown	0	3.99	3.99	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Apple Creek	RIVER	10839	124100	Brown, Outagamie	3.99	23.88	19.89	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Apple Creek	RIVER	10839	124100	Brown, Outagamie	3.99	23.88	19.89	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Arrowhead River	RIVER	10750	241700	Winnebago	0	6.5	6.5	Miles	Apr/01/2018	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Ashwaubenon Creek	RIVER	10834	122200	Brown	0	14.15	14.15	Miles	Apr/01/2008	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Ashwaubenon Creek	RIVER	10834	122200	Brown	0	14.15	14.15	Miles	Apr/01/2008	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Babb Creek	RIVER	13003	1279100	Sauk	0	6.42	6.42	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Biological Community, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Baird Creek	RIVER	10681	118100	Brown	0	3.5	3.5	Miles	Apr/01/2006	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Baird Creek	RIVER	10681	118100	Brown	0	3.5	3.5	Miles	Apr/01/2006	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Baird Creek	RIVER	10682	118100	Brown	3.5	13.1	9.6	Miles	Apr/01/2008	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Baird Creek	RIVER	10682	118100	Brown	3.5	13.1	9.6	Miles	Apr/01/2008	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Baker Creek	RIVER	11460	856000	Dodge	0	10	10	Miles	Apr/01/2006	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Baraboo River	RIVER	944741	1271100	Columbia, Sauk	0	28.16	28.16	Miles	Apr/01/2012	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Baraboo River	RIVER	13023	1271100	Juneau	101.35	106.16	4.81	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Baraboo River	RIVER	944915	1271100	Juneau	86.79	101.29	14.5	Miles	Apr/01/2012	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Baraboo River	RIVER	944844	1271100	Juneau, Sauk	60.23	71.95	11.72	Miles	Apr/01/2012	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Baraboo River	RIVER	12978	1271100	Monroe	108.6	118.93	10.33	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Baraboo River	RIVER	944788	1271100	Sauk	28.16	60.23	32.07	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Baraboo River	RIVER	8102482	1271100	#N/A	72.18	86.79	14.61	Miles	Apr/01/2012	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Batavia Creek	RIVER	10083	31400	Sheboygan	0	4.9	4.9	Miles	Apr/01/2014	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Battle Creek	RIVER	11487	848300	Waukesha	1.81	4.56	2.75	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Bear Creek	RIVER	13102	1311600	Juneau, Monroe	0	13.95	13.95	Miles	Apr/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Bear Creek	RIVER	9791	316000	Outagamie	0.5	2	1.5	Miles	Apr/01/2012	PS/NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Bear Creek	RIVER	9792	316000	Outagamie	2	8	6	Miles	Apr/01/2012	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Bear Creek	RIVER	10414	292100	Outagamie, Waupaca	8.41	11.98	3.57	Miles	Apr/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Bear Creek	RIVER	10414	292100	Outagamie, Waupaca	8.41	11.98	3.57	Miles	Apr/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Bear Creek	RIVER	12317	1398700	Portage, Wood	0	11.7	11.7	Miles	Apr/01/2016	PS/NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Beaver Creek	RIVER	18435	1314000	Juneau, Monroe	0	4	4	Miles	Apr/01/2012	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Beaver Creek	RIVER	10008	20000	Milwaukee	0	2.65	2.65	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Beaver Creek	RIVER	12237	1372300	Wood	0	4	4	Miles	Apr/01/2018	NPS	Total Phosphorus	High Phosphorus Levels, Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Beaver Creek	RIVER	5735909	1372300	Wood	4	6.21	2.21	Miles	Apr/01/2018	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Beaver Dam Lake	LAKE	11411	835100	Dodge			6401.56	Acres	Apr/01/2010	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Beaver Dam River	RIVER	11397	831400	Dodge	0	11.06	11.06	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Beaver Dam River	RIVER	11397	831400	Dodge	0	11.06	11.06	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Beaver Dam River	RIVER	356616	831400	Dodge	11.06	14.15	3.09	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Beaver Dam River	RIVER	356616	831400	Dodge	11.06	14.15	3.09	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Beaver Dam River	RIVER	356663	831400	Dodge	14.15	30.14	15.99	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Beaver Dam River	RIVER	356663	831400	Dodge	14.15	30.14	15.99	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Becky Creek	RIVER	15277	2369600	Rusk	0	1.24	1.24	Miles	Apr/01/2004	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Big Eau Pleine Flowage	IMPOUNDMENT	352690	1427400	Marathon			4909.17	Acres	Apr/01/1998	NPS	Total Phosphorus	Low DO, Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Big Eau Pleine River	RIVER	12398	1427200	Marathon	0	16.6	16.6	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Big Eau Pleine River	RIVER	12399	1427200	Marathon	16.61	21.84	5.23	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Big Eau Pleine River	RIVER	886772	1427200	Marathon	22.34	45.64	23.3	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Big Patch Creek	RIVER	13894	944600	Grant	0	4.99	4.99	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2006 (4A)
Big Rib River	RIVER	886912	1451800	Taylor	44.8	49.91	5.11	Miles	Apr/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Big Rib River	RIVER	1443175	1451800	Taylor	49.91	55.13	5.22	Miles	Apr/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Big Slough	RIVER	10731	174500	Columbia	0	10.41	10.41	Miles	Apr/01/2018	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Big Twin Lake	LAKE	11025	146500	Green Lake			73.9	Acres	Apr/01/2014	NPS	Total Phosphorus	Excess Algal Growth	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Black Creek	RIVER	12474	1458200	Marathon	0	14.65	14.65	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Black Creek	RIVER	12475	1458200	Marathon	14.65	19.64	4.99	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Black Creek	RIVER	337848	317100	Outagamie	0	16	16	Miles	Apr/01/2018	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Black Creek	RIVER	337866	317100	Outagamie, Shawano	16	27.71	11.71	Miles	Apr/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Black Otter Creek	RIVER	9788	315300	Outagamie	0	2.66	2.66	Miles	Apr/01/2018	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Black Otter Creek	RIVER	6902218	315300	Outagamie	3.66	6.96	3.3	Miles	Apr/01/2018	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Black Otter Lake (Hortonville)	LAKE	9789	315600	Outagamie			78.16	Acres	Apr/01/2016	PS/NPS	Total Phosphorus	High Phosphorus Levels, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Blackhawk Creek	RIVER	11628	797000	Rock	2	4	2	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat, Turbidity	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Bower Creek	RIVER	10683	118400	Brown	0	3	3	Miles	Apr/01/2008	NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Bower Creek	RIVER	10683	118400	Brown	0	3	3	Miles	Apr/01/2008	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Bower Creek	RIVER	10684	118400	Brown	3	13	10	Miles	Apr/01/2008	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Bower Creek	RIVER	10684	118400	Brown	3	13	10	Miles	Apr/01/2008	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Braezels Branch	RIVER	13695	900700	Green, Lafayette	0	4.06	4.06	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Brewer Creek	RIVER	13069	1305000	Juneau	6.7	8.78	2.08	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Brewer Creek	RIVER	18447	1305000	Juneau	0	6.7	6.7	Miles	Apr/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Buckskin School Creek	RIVER	13685	897300	Green	0	6.71	6.71	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Buell Valley Creek	RIVER	14460	1813100	Buffalo	0	2.32	2.32	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Burgy Creek	RIVER	13638	880500	Green	0	10.99	10.99	Miles	Apr/01/2004	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Butler Ditch	RIVER	10040	18100	Waukesha	0	2.85	2.85	Miles	Apr/01/2010	PS/NPS	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Byron Creek	RIVER	10995	137400	Fond Du Lac	1.67	7.26	5.59	Miles	Apr/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Byron Creek	RIVER	10995	137400	Fond Du Lac	1.67	7.26	5.59	Miles	Apr/01/2006	NPS	Sediment/Total Suspended Solids	Low DO, Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Byron Creek	RIVER	1452243	137400	Fond Du Lac	0	1.66	1.66	Miles	Apr/01/2018	PS/NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Byron Creek	RIVER	1452243	137400	Fond Du Lac	0	1.66	1.66	Miles	Apr/01/2006	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Calamus Creek	RIVER	11423	834900	Dodge	0	17.01	17.01	Miles	Apr/01/2012	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Calamus Creek	RIVER	11423	834900	Dodge	0	17.01	17.01	Miles	Apr/01/2006	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Carpenter Creek	RIVER	10784	248800	Waushara	0	6.06	6.06	Miles	Apr/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2004 (4A)
Casper Creek	RIVER	11401	832100	Dodge	0	2.36	2.36	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Castle Rock Flowage	IMPOUNDMENT	424081	1345700	Adams, Juneau			12385.67	Acres	Apr/01/1998	PS/NPS	Total Phosphorus	Eutrophication, High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Cat Creek	RIVER	12232	1370700	Wood	0	2.28	2.28	Miles	Apr/01/2014	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Cazenovia Branch	RIVER	13010	1283100	Sauk	0	0.66	0.66	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Cedar Creek	RIVER	10051	21300	Ozaukee	0	5	5	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Cedar Creek	RIVER	1437248	21300	Ozaukee, Washington	5	32.76	27.76	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Cedar Lake	LAKE	18873	2615100	Polk, St. Croix			1120.36	Acres	Apr/01/1998	NPS	Total Phosphorus	Excess Algal Growth, Elevated pH	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
Cedarburg Pond	LAKE	11290	21700	Ozaukee			15	Acres	Apr/01/2012	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Cherokee Creek	RIVER	9977	15250	Milwaukee	0	1.6	1.6	Miles	Apr/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Cherry Branch	RIVER	13688	898500	Lafayette	0	7.11	7.11	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Cleaver Creek	RIVER	13031	1292500	Juneau	0	5	5	Miles	Apr/01/2014	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Cochrane Ditch (Rose Valley Cr)	RIVER	14461	1813600	Buffalo	0	6.5	6.5	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Cochrane Ditch (Rose Valley Cr)	RIVER	3883423	1813600	Buffalo	6.5	10.06	3.56	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Collins (Fish) Lake	LAKE	10319	270200	Portage			42.93	Acres	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Copper Creek	RIVER	12999	1278400	Sauk	0	6.04	6.04	Miles	Apr/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Council Creek	RIVER	13110	1341600	Monroe	0	3.58	3.58	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Creek 23-13b	RIVER	359545	1665600	Monroe	0	0.9	0.9	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Crossman Creek	RIVER	13020	1286700	Juneau	6.42	12.01	5.59	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Crossman Creek	RIVER	13019	1286700	Juneau, Sauk	0	6.43	6.43	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Dawes Creek	RIVER	12226	1367400	Wood	0	7.75	7.75	Miles	Apr/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Dead Creek	RIVER	904986	860000	Dodge	3.92	9.29	5.37	Miles	Apr/01/2006	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Dead Creek	RIVER	904986	860000	Dodge	3.92	9.29	5.37	Miles	Apr/01/2006	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Dead Creek	RIVER	1455284	860000	Dodge	0	3.92	3.92	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Dead Creek	RIVER	1455284	860000	Dodge	0	3.92	3.92	Miles	Apr/01/2006	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Deer Creek	RIVER	12414	1433400	Taylor	0	7.15	7.15	Miles	Apr/01/2018	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Dell Creek	RIVER	946824	1295200	Juneau	19.25	23.35	4.1	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Dell Creek	RIVER	6897810	1295200	Juneau, Sauk	15.82	19.25	3.43	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Dell Creek	RIVER	13045	1295200	Sauk	7.55	15.82	8.27	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Dell Creek	RIVER	18439	1295200	Sauk	1.81	2.55	0.74	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Dell Creek	RIVER	8107829	1295200	N/A	5.62	7.55	1.93	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Delton Lake	LAKE	13546	1295400	Sauk			249.24	Acres	Apr/01/2016	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Deneveu Creek	RIVER	10982	138700	Fond Du Lac	0.82	11	10.18	Miles	Apr/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Deneveu Creek	RIVER	10983	138700	Fond Du Lac	11	11.88	0.88	Miles	Apr/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Dill Creek	RIVER	12403	1430700	Clark, Marathon	8	20	12	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Dill Creek	RIVER	12402	1430700	Marathon	0	8	8	Miles	Apr/01/2014	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Dodge Branch	RIVER	13746	910800	Iowa	0	9.44	9.44	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Dodge Branch	RIVER	13747	910800	Iowa	9.44	16.52	7.08	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Dodge Branch	RIVER	13748	910800	Iowa	16.52	20.3	3.78	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Dodge Branch	RIVER	13749	910800	Iowa	20.3	22.76	2.46	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Dougherty Creek	RIVER	13700	901000	Green	13.97	16.59	2.62	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Dougherty Creek	RIVER	13700	901000	Green	13.97	16.59	2.62	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Dougherty Creek	RIVER	13700	901000	Green	13.97	16.59	2.62	Miles	Apr/01/1998	NPS	BOD	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Duck Creek	RIVER	10850	409700	Brown	0	4.96	4.96	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Duck Creek	RIVER	10850	409700	Brown	0	4.96	4.96	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Duck Creek	RIVER	13523	1266300	Columbia	0	11.96	11.96	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Duck Creek	RIVER	10851	409700	Outagamie	25.69	32.9	7.21	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Duck Creek	RIVER	10851	409700	Outagamie	25.69	32.9	7.21	Miles	Apr/01/2008	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Dutchman Creek	RIVER	10832	121600	Brown	0	4.04	4.04	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Dutchman Creek	RIVER	1854741	121600	Outagamie	16.05	17.97	1.91	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
E Br Big Eau Pleine River	RIVER	12411	1432300	Marathon	0	9.63	9.63	Miles	Apr/01/2014	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
East Br Big Creek	RIVER	13006	1280500	Juneau, Sauk	0	6.52	6.52	Miles	Apr/01/2012	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
East Branch Fond Du Lac River	RIVER	3990279	135900	Fond Du Lac	14.5	22.81	8.31	Miles	Apr/01/2018	PS/NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2020 (4A)
East Branch Fondulac River	RIVER	10991	135900	Fond Du Lac	0	14.5	14.5	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
East Branch Rock River	RIVER	951364	861400	Dodge	0	11.61	11.61	Miles	Apr/01/2006	PS/NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
East Branch Rock River	RIVER	951364	861400	Dodge	0	11.61	11.61	Miles	Apr/01/2006	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
East River	RIVER	10679	118000	Brown	0	14.15	14.15	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO, Degraded Biological Community, High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
East River	RIVER	10679	118000	Brown	0	14.15	14.15	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
East River	RIVER	10680	118000	Brown, Calumet	14.15	42.25	28.1	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
East River	RIVER	10680	118000	Brown, Calumet	14.15	42.25	28.1	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
East Trib. to Parsons Cr	RIVER	903785	136200	Fond Du Lac	0	1.89	1.89	Miles	Apr/01/2008	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
East Trib. to Parsons Cr	RIVER	903785	136200	Fond Du Lac	0	1.89	1.89	Miles	Apr/01/2008	NPS	Elevated Water Temperature	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Evergreen Creek	RIVER	10058	23000	Washington	0	5.21	5.21	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Fennimore Fork (Castle Rock)	RIVER	13275	1211300	Grant	17.14	21.39	4.25	Miles	Apr/01/2012	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2004 (4A)
Fennimore Fork (Castle Rock)	RIVER	13275	1211300	Grant	17.14	21.39	4.25	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2004 (4A)
Fennimore Fork (Castle Rock)	RIVER	13276	1211300	Grant	21.39	26.25	4.86	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2004 (4A)
Fenwood Creek	RIVER	12393	1428700	Marathon	0	1.5	1.5	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Fenwood Creek	RIVER	12394	1428700	Marathon	1.5	17	15.5	Miles	Apr/01/2012	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Flynn Creek	RIVER	11507	852800	Washington	0	5.92	5.92	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Fond Du Lac River	RIVER	10989	133700	Fond Du Lac	0	1.56	1.56	Miles	Apr/01/2012	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Fox Lake	LAKE	11413	835800	Dodge			2713.34	Acres	Apr/01/2006	Habitat/Physical	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Fox Lake	LAKE	11413	835800	Dodge			2713.34	Acres	Apr/01/2006	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Fredonia Creek	RIVER	10014	26600	Ozaukee	0	4.11	4.11	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Garners Creek	RIVER	10845	127700	Calumet, Outagamie	0	6.99	6.99	Miles	Apr/01/2008	PS/NPS	Total Phosphorus	Degraded Biological Community, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Garners Creek	RIVER	10845	127700	Calumet, Outagamie	0	6.99	6.99	Miles	Apr/01/2008	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Gill Creek	RIVER	11570	861700	Dodge	0	6.32	6.32	Miles	Apr/01/2006	NPS	Total Phosphorus	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Gill Creek	RIVER	11570	861700	Dodge	0	6.32	6.32	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Gills Coulee Creek	RIVER	13993	1652300	La Crosse	0	1.39	1.39	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2004 (4A)
Gills Coulee Creek	RIVER	13994	1652300	La Crosse	1.39	4.86	3.47	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2006 (4A)
Goldenthal Creek	RIVER	10049	18900	Washington	0	3.5	3.5	Miles	Apr/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Grand River	RIVER	10702	159300	Fond Du Lac, Green Lake, Marquette	21	43	22	Miles	Apr/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Grand River	RIVER	11097	159300	Green Lake, Marquette	0	21	21	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Green Bay (Inner Bay, Aoc)	BAY/HARBOR	357876	70	Brown			13867.36	Acres	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Green Bay (Inner Bay, Aoc)	BAY/HARBOR	357876	70	Brown			13867.36	Acres	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Green Lake (Big Green)	LAKE	11023	146100	Green Lake			7485.65	Acres	Apr/01/2014	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Gunderson Valley Creek	RIVER	887418	1212600	Grant	0	5.4	5.4	Miles	Apr/01/2002	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2004 (4A)
Gunderson Valley Creek	RIVER	887418	1212600	Grant	0	5.4	5.4	Miles	Apr/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2004 (4A)
Half Moon Lake	LAKE	16081	2125400	Eau Claire			135.14	Acres	Apr/01/1998	NPS	Total Phosphorus	Eutrophication	TMDL Approved	Not Applicable	TMDL approved by EPA in 2004 (4A)
Hamann Creek	RIVER	18334	1429900	Marathon	0	10.45	10.45	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Hardies Creek	RIVER	14072	1686900	Trempealeau	0	1.64	1.64	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Hardies Creek	RIVER	14073	1686900	Trempealeau	1.64	3.54	1.9	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Harrington Creek	RIVER	11016	143700	Green Lake	0	2.97	2.97	Miles	Apr/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Hay Creek	RIVER	13001	1279000	Sauk	0	5.42	5.42	Miles	Apr/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Hemlock Creek	RIVER	12224	1366300	Wood	0	27	27	Miles	Apr/01/2012	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Hill Creek	RIVER	11024	146200	Green Lake	0	1.84	1.84	Miles	Apr/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2020 (4A)
Hill Creek	RIVER	11024	146200	Green Lake	0	1.84	1.84	Miles	Apr/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Hills Creek	RIVER	18434	1288800	Juneau, Vernon	0	10	10	Miles	Apr/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Holmes Avenue Creek	RIVER	9979	15550	Milwaukee	0	1.8	1.8	Miles	Apr/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Honey Creek	RIVER	10021	16300	Milwaukee	0	8.96	8.96	Miles	Apr/01/2012	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Honey Creek	RIVER	10021	16300	Milwaukee	0	8.96	8.96	Miles	Apr/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Horicon Marsh	WETLANDS	11565	861200	Dodge			1000	Acres	Apr/01/2006	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Horicon Marsh	WETLANDS	11565	861200	Dodge			1000	Acres	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Hulbert Creek	RIVER	13050	1298500	Sauk	0	1.55	1.55	Miles	Apr/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Indian Creek	RIVER	10005	19600	Milwaukee	0	2.63	2.63	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Indian Creek	RIVER	10005	19600	Milwaukee	0	2.63	2.63	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Irish Creek	RIVER	11569	861600	Dodge	0	3.79	3.79	Miles	Apr/01/2006	NPS	Total Phosphorus	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Irish Creek	RIVER	11569	861600	Dodge	0	3.79	3.79	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Irish Valley Creek	RIVER	14452	1811400	Buffalo	0	7.89	7.89	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Irvin Creek	RIVER	14392	1792200	Trempealeau	0	5.31	5.31	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
Jackson Creek	RIVER	10065	23900	Washington	0	1.25	1.25	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Jahns Valley Creek	RIVER	14449	1810800	Buffalo	0	7.71	7.71	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Jockey Hollow Creek	RIVER	13690	899500	Green, Lafayette	0	3.1	3.1	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Johnson Creek	RIVER	11449	846700	Jefferson	0	17.5	17.5	Miles	Apr/01/2012	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Johnson Creek	RIVER	11449	846700	Jefferson	0	17.5	17.5	Miles	Apr/01/2006	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Jug Creek	RIVER	13192	1195500	Vernon	0	4.65	4.65	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
Kankapot Creek	RIVER	357763	126800	Calumet, Outagamie	2.66	9.57	6.91	Miles	Apr/01/2008	PS/NPS	Total Phosphorus	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Kankapot Creek	RIVER	357763	126800	Calumet, Outagamie	2.66	9.57	6.91	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Kankapot Creek	RIVER	10844	126800	Outagamie	0	2.66	2.66	Miles	Apr/01/2008	PS/NPS	Total Phosphorus	Degraded Biological Community, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Kankapot Creek	RIVER	10844	126800	Outagamie	0	2.66	2.66	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Kawaguesaga Lake	LAKE	128163	1542300	Oneida			699.77	Acres	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Kinnickinnic River	RIVER	9973	15100	Milwaukee	0	3.16	3.16	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Kinnickinnic River	RIVER	9973	15100	Milwaukee	0	3.16	3.16	Miles	Apr/01/1998	PS/NPS	E. coli	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Kinnickinnic River	RIVER	9973	15100	Milwaukee	0	3.16	3.16	Miles	Apr/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Kinnickinnic River	RIVER	9974	15100	Milwaukee	3.16	5.49	2.33	Miles	Apr/01/2012	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Kinnickinnic River	RIVER	9974	15100	Milwaukee	3.16	5.49	2.33	Miles	Apr/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Kinnickinnic River	RIVER	3899425	15100	Milwaukee	5.49	9.93	4.44	Miles	Apr/01/2012	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Kinnickinnic River	RIVER	3899425	15100	Milwaukee	5.49	9.93	4.44	Miles	Apr/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Kohlsville River	RIVER	11595	865400	Washington	0	8.33	8.33	Miles	Apr/01/2012	PS/NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Kohlsville River	RIVER	11595	865400	Washington	0	8.33	8.33	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Kroenke Creek	RIVER	11107	326700	Shawano	4.55	8.6	4.05	Miles	Apr/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Kummel Creek	RIVER	11592	863500	Dodge	0	10.38	10.38	Miles	Apr/01/2006	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Kummel Creek	RIVER	11592	863500	Dodge	0	10.38	10.38	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Kummel Creek	RIVER	11593	863500	Dodge	10.38	11.54	1.16	Miles	Apr/01/2006	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Kummel Creek	RIVER	11593	863500	Dodge	10.38	11.54	1.16	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Kummel Creek	RIVER	358204	863500	Dodge, Fond Du Lac	11.54	14	2.46	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Kummel Creek	RIVER	358235	863500	Fond Du Lac	14	17.96	3.96	Miles	Apr/01/2006	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Kummel Creek	RIVER	358235	863500	Fond Du Lac	14	17.96	3.96	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Lake Butte Des Morts	LAKE	11004	139900	Winnebago			8569.14	Acres	Apr/01/1998	NPS	Total Phosphorus	Low DO, Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Lake Butte Des Morts	LAKE	11004	139900	Winnebago			8569.14	Acres	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Eutrophication	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Lake DuBay	IMPOUNDMENT	3900358	1412200	Marathon, Portage			4919.35	Acres	Apr/01/2016	PS/NPS	Total Phosphorus	Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Lake Emily	LAKE	1525397	161600	Dodge			268.24	Acres	Apr/01/2014	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Lake Kegonsa	LAKE	11643	802600	Dane			3200.49	Acres	Apr/01/2012	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Lake Koshkonong	LAKE	11710	808700	Dane, Jefferson, Rock			10595.67	Acres	Apr/01/2002	PS/NPS	Total Phosphorus	Low DO, Eutrophication	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Lake Koshkonong	LAKE	11710	808700	Dane, Jefferson, Rock			10595.67	Acres	Apr/01/2002	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat, Turbidity	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Lake Menomin	IMPOUNDMENT	15651	2065900	Dunn			1008.65	Acres	Apr/01/1998	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth, Elevated pH	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Lake Waubesa	LAKE	11661	803700	Dane			2074.53	Acres	Apr/01/2012	PS/NPS	Total Phosphorus	High Phosphorus Levels, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Lake Winnebago	LAKE	358400	131100	Calumet, Fond Du Lac, Winnebago			131941.62	Acres	Apr/01/1998	NPS	Total Phosphorus	Low DO, Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Lake Winnebago	LAKE	358400	131100	Calumet, Fond Du Lac, Winnebago			131941.62	Acres	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Turbidity	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Lake Wisconsin	IMPOUNDMENT	13500	1260600	Columbia, Sauk			7197.26	Acres	Apr/01/2010	NPS	Total Phosphorus	Low DO, Eutrophication, Recreational Restrictions - Blue Green Algae	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Lau Creek	RIVER	11399	831600	Dodge	0	6	6	Miles	Apr/01/2006	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Legler School Branch	RIVER	13646	882900	Green	0.01	5.5	5.49	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Lehner Creek	RIVER	10067	24400	Washington	0	2.12	2.12	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Lemonweir River	RIVER	13059	1301700	Juneau	0	20.18	20.18	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Lemonweir River	RIVER	13060	1301700	Juneau	22.1	31.95	9.85	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Lemonweir River	RIVER	201397	1301700	Juneau, Monroe	32.86	55.88	23.02	Miles	Apr/01/2012	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Lilly Creek	RIVER	10042	18400	Waukesha	0	4.7	4.7	Miles	Apr/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Limestone Creek	RIVER	11601	866800	Washington	0	1.67	1.67	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Lincoln Creek	RIVER	9999	19400	Milwaukee	0	9.7	9.7	Miles	Apr/01/1998	Other	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Lincoln Creek	RIVER	9999	19400	Milwaukee	0	9.7	9.7	Miles	Apr/01/1998	Other	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Little Baraboo River	RIVER	13007	1282500	Richland, Sauk	0	11.93	11.93	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Little Bear Creek	RIVER	12359	1416900	Wood	0	1.5	1.5	Miles	Apr/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Little Bear Creek	RIVER	12360	1416900	Wood	1.5	8	6.5	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Little Creek	RIVER	10334	280700	Waupaca	0	5.89	5.89	Miles	Apr/01/2018	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Little Eau Pleine River	RIVER	12355	1412600	Clark, Marathon	25.66	56	30.34	Miles	Apr/01/2014	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Little Eau Pleine River	RIVER	12354	1412600	Marathon, Portage	0	25.66	25.66	Miles	Apr/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Little Green Lake	LAKE	18120	162500	Green Lake			462.42	Acres	Apr/01/2006	NPS	Total Phosphorus	Low DO, Eutrophication, Degraded Habitat, Excess Algal Growth, Elevated pH	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Little Hemlock Creek	RIVER	12225	1367100	Wood	0	10.39	10.39	Miles	Apr/01/2016	PS/NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Little Hoten Creek	RIVER	13100	1307000	Juneau	0	2.23	2.23	Miles	Apr/01/2018	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Little Hoton Creek	RIVER	1442012	1307000	Juneau	2.23	3.93	1.7	Miles	Apr/01/2018	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Little Lake Wissota	BAY/HARBOR	1521682	2152800	Chippewa			395.79	Acres	Apr/01/1998	PS/NPS	Total Phosphorus	Eutrophication, Elevated pH	TMDL Approved	Not Applicable	TMDL approved by EPA in 2010 (4A)
Little Lake Wissota	BAY/HARBOR	1521682	2152800	Chippewa			395.79	Acres	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Eutrophication	TMDL Approved	Not Applicable	TMDL approved by EPA in 2010 (4A)
Little Lemonweir River	RIVER	18456	1306100	Juneau	0	4.62	4.62	Miles	Apr/01/2012	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Little Lemonweir River	RIVER	948033	1306100	Juneau	4.62	12.36	7.74	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Little Lemonweir River	RIVER	948058	1306100	Juneau, Monroe	12.36	22.86	10.5	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Little Lemonweir River	RIVER	948085	1306100	Monroe	22.86	24.81	1.95	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Little Menomonee	RIVER	10038	17600	Milwaukee, Ozaukee	0	9	9	Miles	Apr/01/2012	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Little Menomonee	RIVER	10038	17600	Milwaukee, Ozaukee	0	9	9	Miles	Apr/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Little Willow Creek	RIVER	13349	1221300	Richland	0	7.73	7.73	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Local Water	RIVER	3994614	138800	Fond Du Lac	0	3.72	3.72	Miles	Apr/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Local Water	RIVER	1524881	323500	Shawano	0	2.71	2.71	Miles	Apr/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Local Water	RIVER	5691675	132300	Winnebago	0	1.8	1.8	Miles	Apr/01/2018	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Long Lake	LAKE	9816	321300	Shawano			86.64	Acres	Apr/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Lower Fox River (Appleton Dam To L. Winnebago Outlet)	RIVER	357364	117900	Outagamie, Winnebago	32.18	40.09	7.91	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Lower Fox River (Depere Dam To Middle Appleton Dam)	RIVER	357301	117900	Brown, Outagamie	7.39	32.18	24.79	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Lower Fox River (Mouth To Depere Dam)	RIVER	10678	117900	Brown	0	7.39	7.39	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Lower Fox River (Mouth To Depere Dam)	RIVER	10678	117900	Brown	0	7.39	7.39	Miles	Apr/01/2008	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Lyndon Creek	RIVER	13054	1300700	Juneau	0	6	6	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Lyndon Creek	RIVER	13055	1300700	Juneau	6	8.73	2.73	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Markham Creek	RIVER	18247	796400	Rock	0	7.31	7.31	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Martin Branch	RIVER	13926	963400	Grant	4	5.32	1.32	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Martin Branch	RIVER	13927	963400	Grant	5.32	9.94	4.62	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Martin Branch	RIVER	18569	963400	Grant	0	4	4	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Martinville Cr	RIVER	13887	955100	Grant	0	2.6	2.6	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Martinville Cr	RIVER	13888	955100	Grant	2.59	5.05	2.46	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Mason Creek	RIVER	11499	851100	Washington	4.11	6.14	2.03	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Mason Creek	RIVER	11499	851100	Washington	4.11	6.14	2.03	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Low DO, Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Mason Creek	RIVER	11498	851100	Waukesha	0	4.11	4.11	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Mason Creek	RIVER	11498	851100	Waukesha	0	4.11	4.11	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Mason Lake	LAKE	10733	175700	Adams, Marquette			881.61	Acres	Apr/01/2002	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth, Elevated pH	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Maunesha River	RIVER	356857	837500	Dane	13.21	31.8	18.59	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Maunesha River	RIVER	356857	837500	Dane	13.21	31.8	18.59	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Maunesha River	RIVER	356833	837500	Dane, Jefferson	5.49	13.21	7.72	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Maunesha River	RIVER	356833	837500	Dane, Jefferson	5.49	13.21	7.72	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Maunesha River	RIVER	11426	837500	Dodge, Jefferson	0	5.5	5.5	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Maunesha River	RIVER	11426	837500	Dodge, Jefferson	0	5.5	5.5	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Mead Lake	IMPOUNDMENT	16142	2143900	Clark			310.27	Acres	Apr/01/1998	NPS	Total Phosphorus	Low DO, Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Mead Lake	IMPOUNDMENT	16142	2143900	Clark			310.27	Acres	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Mendota Lake	LAKE	11672	805400	Dane			9780.93	Acres	Apr/01/2012	PS/NPS	Total Phosphorus	High Phosphorus Levels, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Menomonee River	RIVER	10017	16000	Milwaukee	2.66	6.27	3.61	Miles	Apr/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Menomonee River	RIVER	426506	16000	Milwaukee	0	2.67	2.67	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Menomonee River	RIVER	426506	16000	Milwaukee	0	2.67	2.67	Miles	Apr/01/1998	PS/NPS	E. coli	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Menomonee River	RIVER	426506	16000	Milwaukee	0	2.67	2.67	Miles	Apr/01/2010	PS/NPS	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Menomonee River	RIVER	3884139	16000	Milwaukee, Washington, Waukesha	6.27	12.61	6.34	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Menomonee River	RIVER	8104655	16000	#N/A	12.61	24.81	12.2	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Mill Creek	RIVER	18452	1326700	Monroe	5.81	8.24	2.43	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Mill Creek	RIVER	12318	1398600	Portage	0	16.01	16.01	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Mill Creek	RIVER	12319	1398600	Portage, Wood	16.01	32.82	16.81	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Milwaukee Harbor	RIVER	426424	15010	Milwaukee	0	0.32	0.32	Miles	Apr/01/1998	PS/NPS	E. coli	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Milwaukee River	RIVER	426339	15000	Milwaukee	0	2.9	2.9	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Milwaukee River	RIVER	426339	15000	Milwaukee	0	2.9	2.9	Miles	Apr/01/1998	PS/NPS	E. coli	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Milwaukee River	RIVER	426381	15000	Milwaukee, Ozaukee	2.9	19.35	16.45	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Milwaukee River	RIVER	426381	15000	Milwaukee, Ozaukee	2.9	19.35	16.45	Miles	Apr/01/1998	PS/NPS	E. coli	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Milwaukee River	RIVER	1854856	15000	Ozaukee	19.35	29.33	9.98	Miles	Apr/01/1998	Contam. Sed.	PCBs	PCBs Contaminated Fish Tissue	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Milwaukee River	RIVER	1854856	15000	Ozaukee	19.35	29.33	9.98	Miles	Apr/01/1998	PS/NPS	E. coli	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Milwaukee River	RIVER	481566	15000	Ozaukee, Washington	29.33	68.5	39.17	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Milwaukee River North Branch	RIVER	10071	27100	Ozaukee, Sheboygan, Washington	0	23.5	23.5	Miles	Apr/01/2012	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Mink Creek	RIVER	10081	30600	Sheboygan	0	14.49	14.49	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Mink Creek	RIVER	12498	1463300	Taylor	0	5.78	5.78	Miles	Apr/01/2018	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Minocqua Lake	LAKE	128227	1542400	Oneida			1339.46	Acres	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Monona Lake	LAKE	11665	804600	Dane			3359	Acres	Apr/01/2012	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Mosher Creek	RIVER	18156	133500	Fond Du Lac	0	3	3	Miles	Apr/01/2018	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Mosher Creek	RIVER	18156	133500	Fond Du Lac	0	3	3	Miles	Apr/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Mud Creek	RIVER	10259	131600	Calumet	0	3	3	Miles	Apr/01/2016	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Mud Creek	RIVER	11387	840800	Dane, Dodge	0	10.77	10.77	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Mud Creek	RIVER	10847	129500	Outagamie	3.71	6.87	3.16	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Mud Creek	RIVER	10846	129500	Outagamie, Winnebago	0	3.71	3.71	Miles	Apr/01/2008	PS/NPS	Total Phosphorus	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Mud Creek	RIVER	10846	129500	Outagamie, Winnebago	0	3.71	3.71	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Mud Lake	LAKE	9835	326000	Shawano			34.84	Acres	Apr/01/2018	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Narrows Creek	RIVER	12996	1276400	Sauk	0	22.84	22.84	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Neenah Slough	RIVER	10848	130800	Winnebago	0	2.77	2.77	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Neenah Slough	RIVER	357915	130800	Winnebago	2.77	3.54	0.77	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Neenah Slough	RIVER	357955	130800	Winnebago	3.55	6.12	2.57	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Newcomb Valley Creek	RIVER	14357	1777400	Trempealeau	0	5.76	5.76	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
Nine Springs Creek	RIVER	11664	804200	Dane	0	6.16	6.16	Miles	Apr/01/2004	PS/NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Nine Springs Creek	RIVER	11664	804200	Dane	0	6.16	6.16	Miles	Apr/01/2004	PS/NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
North Br Duck Creek	RIVER	13526	1267500	Columbia	0	20.21	20.21	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
North Branch Wayne Creek	RIVER	207448	865500	Washington	4.14	4.8	0.66	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
North Creek	RIVER	14360	1778600	Trempealeau	0	7.59	7.59	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
North Tributary to Silver Creek	RIVER	936838	147400	Fond Du Lac	0	4.42	4.42	Miles	Apr/01/2016	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Nor-X-Way Channel	RIVER	10043	18450	Ozaukee, Washington, Waukesha	0	4.9	4.9	Miles	Apr/01/2014	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Nor-X-Way Channel	RIVER	10043	18450	Ozaukee, Washington, Waukesha	0	4.9	4.9	Miles	Apr/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Old Taylor Lake	LAKE	10274	195000	Waupaca			42.47	Acres	Apr/01/2014	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Onemile Creek	RIVER	13063	1303400	Juneau	0.7	3.6	2.9	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Onemile Creek	RIVER	18445	1303400	Juneau	0	0.69	0.69	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Onemile Creek	RIVER	947890	1303400	Juneau	3.6	5.99	2.39	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Onemile Creek	RIVER	947914	1303400	Juneau	7.23	13	5.77	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Onemile Creek	RIVER	1517524	1303400	Juneau	5.99	7.23	1.24	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Otter Creek	RIVER	13322	1237100	Iowa	21.37	23.3	1.93	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Otter Creek	RIVER	13449	1237100	Iowa	14.89	19.86	4.97	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Otter Creek	RIVER	18477	1237100	Iowa	0	14.89	14.89	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Park Creek	RIVER	11410	834400	Dodge	0	2.37	2.37	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Park Lake	LAKE	18131	180300	Columbia			329.53	Acres	Apr/01/2006	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Park Lake	LAKE	18131	180300	Columbia			329.53	Acres	Apr/01/2006	NPS	Sediment/Total Suspended Solids	Eutrophication	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Parsons Creek	RIVER	18157	136000	Fond Du Lac	0	2.58	2.58	Miles	Apr/01/2002	PS/NPS	Total Phosphorus	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Parsons Creek	RIVER	18157	136000	Fond Du Lac	0	2.58	2.58	Miles	Apr/01/2002	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Paukotuk-Candlish Creek	RIVER	5691806	132200	Winnebago	0	7.92	7.92	Miles	Apr/01/2018	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Perennial Stream A (Spp1)	RIVER	425015	753100	Walworth	0	3.25	3.25	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
Perennial Stream B (Tm2)	RIVER	425131	755100	Walworth	0	1.82	1.82	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Turbidity	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Perennial Stream D (B4)	RIVER	425054	753500	Walworth	0	2.99	2.99	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Perennial Stream E (B5)	RIVER	425097	753600	Racine, Walworth	0	2.66	2.66	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
Petenwell Flowage	IMPOUNDMENT	424132	1377100	Adams, Juneau			23000.81	Acres	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO, High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Pheasant Branch	RIVER	11695	805900	Dane	0	1	1	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Pheasant Branch	RIVER	11695	805900	Dane	0	1	1	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Pheasant Branch	RIVER	11696	805900	Dane	1	9.09	8.09	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Pheasant Branch	RIVER	11696	805900	Dane	1	9.09	8.09	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Pigeon River	RIVER	9711	293100	Waupaca	0	5.23	5.23	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Pigeon River	RIVER	8107179	293100	#N/A	7.71	10.7	2.99	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Pioneer Valley Creek	RIVER	13647	883100	Green	0	4.16	4.16	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Plum Creek	RIVER	10841	125100	Brown	0	13.86	13.86	Miles	Apr/01/2008	PS/NPS	Total Phosphorus	Degraded Biological Community, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Plum Creek	RIVER	10841	125100	Brown	0	13.86	13.86	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Plum Creek	RIVER	357670	125100	Brown, Calumet	13.87	16.42	2.55	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
Plum Creek	RIVER	357719	125100	Calumet	16.42	19.5	3.08	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Plum Creek	RIVER	13021	1287700	Sauk	0	7.7	7.7	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Post Lake, Upper	LAKE	10650	399200	Langlade, Oneida			765.18	Acres	Apr/01/2014	NPS	Total Phosphorus	Excess Algal Growth	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Poygan Lake	LAKE	18137	242800	Waushara, Winnebago			14024.4	Acres	Apr/01/1998	NPS	Total Phosphorus	High Phosphorus Levels, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Poygan Lake	LAKE	18137	242800	Waushara, Winnebago			14024.4	Acres	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat, Turbidity	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Prairie Brook	RIVER	13701	901500	Green	0	3.11	3.11	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Puckaway Lake	LAKE	11081	158700	Green Lake, Marquette			5013.56	Acres	Apr/01/2010	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Puckaway Lake	LAKE	11081	158700	Green Lake, Marquette			5013.56	Acres	Apr/01/2010	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Puff Creek	RIVER	12236	1371500	Wood	0	7.72	7.72	Miles	Apr/01/2018	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Pumpkinseed Creek	RIVER	10766	243300	Waushara, Winnebago	0	3	3	Miles	Apr/01/2016	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Pumpkinseed Creek	RIVER	10767	243300	Waushara, Winnebago	3	6.12	3.12	Miles	Apr/01/2016	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Raeder Creek	RIVER	18335	1430800	Marathon	0	3	3	Miles	Apr/01/2012	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Randall Creek	RIVER	12407	1431800	Marathon	9	10	1	Miles	Apr/01/2014	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Randall Creek	RIVER	18336	1431800	Marathon	0	9	9	Miles	Apr/01/2014	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Rat River	RIVER	10752	251800	Outagamie, Winnebago	13.14	24.81	11.67	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Rat River	RIVER	18133	251800	Winnebago	0	13.14	13.14	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Redstone Lake	LAKE	13542	1280400	Sauk			604.55	Acres	Apr/01/2014	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Rock River	RIVER	356322	788800	Dodge	296.46	298.64	2.18	Miles	Apr/01/2006	PS/NPS	Total Phosphorus	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	RIVER	356322	788800	Dodge	296.46	298.64	2.18	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	RIVER	356113	788800	Dodge, Jefferson	207.32	242.84	35.52	Miles	Apr/01/2002	PS/NPS	Total Phosphorus	Low DO, Eutrophication, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	RIVER	356250	788800	Dodge, Jefferson	263.37	286.97	23.6	Miles	Apr/01/2006	PS/NPS	Total Phosphorus	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	RIVER	356250	788800	Dodge, Jefferson	263.37	286.97	23.6	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	RIVER	356190	788800	Jefferson	242.84	263.37	20.53	Miles	Apr/01/2006	PS/NPS	Total Phosphorus	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	RIVER	356190	788800	Jefferson	242.84	263.37	20.53	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	RIVER	11455	788800	Rock	171.08	183.45	12.37	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	RIVER	11455	788800	Rock	171.08	183.45	12.37	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	RIVER	354476	788800	Rock	183.45	193.11	9.66	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	RIVER	354476	788800	Rock	183.45	193.11	9.66	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	RIVER	354542	788800	Rock	193.11	201.29	8.18	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	RIVER	354542	788800	Rock	193.11	201.29	8.18	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	RIVER	354592	788800	Rock	201.29	207.03	5.74	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	RIVER	354592	788800	Rock	201.29	207.03	5.74	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River, South Branch	RIVER	18232	869800	Fond Du Lac	0	3.58	3.58	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River, South Branch	RIVER	18232	869800	Fond Du Lac	0	3.58	3.58	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River, South Branch	RIVER	11580	869800	Fond Du Lac, Green Lake	3.58	19.68	16.1	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River, South Branch	RIVER	11580	869800	Fond Du Lac, Green Lake	3.58	19.68	16.1	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River, West Branch	RIVER	11566	861300	Dodge, Fond Du Lac	50	87.63	37.63	Miles	Apr/01/2006	PS/NPS	Total Phosphorus	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River, West Branch	RIVER	11566	861300	Dodge, Fond Du Lac	50	87.63	37.63	Miles	Apr/01/2006	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rocky Creek	RIVER	12233	1370800	Wood	0	12.22	12.22	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Rogers Branch	RIVER	13930	964300	Grant	0	8	8	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Rogers Branch	RIVER	13930	964300	Grant	0	8	8	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Rogers Branch	RIVER	13931	964300	Grant	8	11.83	3.83	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Rogers Branch	RIVER	13931	964300	Grant	8	11.83	3.83	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Low DO, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Roy Creek	RIVER	11030	148200	Green Lake	0	7.18	7.18	Miles	Apr/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Roy Creek	RIVER	11030	148200	Green Lake	0	7.18	7.18	Miles	Apr/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Schoenick Creek	RIVER	5513393	321000	Shawano	3.57	4.13	0.56	Miles	Apr/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Schoenick Creek	RIVER	5513424	321000	Shawano	4.17	7.62	3.45	Miles	Apr/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Schultz Creek	RIVER	11406	833800	Dodge	0	4.71	4.71	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Scotch Creek	RIVER	12460	1455600	Marathon	0	3.72	3.72	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Scotch Creek	RIVER	12461	1455600	Marathon	10.68	18.25	7.57	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Scotch Creek	RIVER	18354	1455600	Marathon	3.72	10.68	6.96	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Searles Creek	RIVER	13618	879500	Green	0	10.33	10.33	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Seeley Creek	RIVER	12990	1275300	Sauk	0	13.12	13.12	Miles	Apr/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Sevenmile Creek	RIVER	10994	136800	Fond Du Lac	0	10.99	10.99	Miles	Apr/01/2018	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Sevenmile Creek	RIVER	10994	136800	Fond Du Lac	0	10.99	10.99	Miles	Apr/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Sevenmile Creek	RIVER	13061	1302400	Juneau	0	13.83	13.83	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Seymour Creek	RIVER	13024	1291400	Juneau	0	2.63	2.63	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Seymour Creek	RIVER	946527	1291400	Juneau, Vernon	2.63	6.48	3.85	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Seymour Creek	RIVER	946550	1291400	Monroe, Vernon	6.48	11.49	5.01	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Shawano Lake	LAKE	9825	322800	Shawano			6215.51	Acres	Apr/01/2016	PS/NPS	Total Phosphorus	Excess Algal Growth	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Shioc River	RIVER	9800	316800	Outagamie, Shawano	0	27.96	27.96	Miles	Apr/01/2012	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Silver Creek	RIVER	359092	146800	Fond Du Lac	12.41	14.36	1.95	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Silver Creek	RIVER	11028	146800	Fond Du Lac, Green Lake	0.97	12.41	11.44	Miles	Apr/01/2018	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Silver Creek	RIVER	11028	146800	Fond Du Lac, Green Lake	0.97	12.41	11.44	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Silver Creek	RIVER	13004	1280000	Sauk	0	4.4	4.4	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Silver Creek	RIVER	13004	1280000	Sauk	0	4.4	4.4	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Low DO, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Silver Lake	LAKE	18028	67400	Manitowoc			72.61	Acres	Apr/01/1998	PS/NPS	Total Phosphorus	Fish Kills, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2004 (4A)
Silver School Branch	RIVER	13637	880400	Green	0	6.14	6.14	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Silver Spring Creek	RIVER	13777	917700	Lafayette	0	5.9	5.9	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Sinissippi Lake	IMPOUNDMENT	11467	859900	Dodge			1647.77	Acres	Apr/01/2006	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Sinissippi Lake	IMPOUNDMENT	11467	859900	Dodge			1647.77	Acres	Apr/01/2006	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
South 43rd Street Ditch	RIVER	9981	15900	Milwaukee	0	1.16	1.16	Miles	Apr/01/2012	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
South 43rd Street Ditch	RIVER	9981	15900	Milwaukee	0	1.16	1.16	Miles	Apr/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
South Br Creek (S Br Baraboo)	RIVER	13029	1289800	Vernon	0	1.25	1.25	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
South Branch Creek	RIVER	3899370	3000073	Milwaukee	0	2.36	2.36	Miles	Apr/01/2012	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
South Branch Creek	RIVER	3899370	3000073	Milwaukee	0	2.36	2.36	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
South Branch Of Underwood Creek	RIVER	10028	16800	Milwaukee, Waukesha	0	1.11	1.11	Miles	Apr/01/2012	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
South Fork Lemonweir River	RIVER	888023	1338500	Monroe	6.21	12.2	5.99	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
South Fork Lemonweir River	RIVER	3870704	1338500	Monroe	13.28	22.03	8.75	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Spring (Dorn) Creek	RIVER	11694	805600	Dane	1	6.46	5.46	Miles	Apr/01/2002	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Spring Brook	RIVER	11005	140300	Winnebago	0.93	3.13	2.2	Miles	Apr/01/2014	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Spring Brook Creek	RIVER	12432	1440800	Langlade	10.26	12.65	2.39	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Spring Brook Creek	RIVER	12431	1440800	Langlade, Marathon	0	10.27	10.27	Miles	Apr/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Spring Brook, North Branch	RIVER	425450	752500	Walworth	0	2.1	2.1	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
Spring Creek	RIVER	11094	172400	Columbia	0	5.32	5.32	Miles	Apr/01/2018	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Spring Creek	RIVER	13609	877000	Green	0	10.31	10.31	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Spring Creek	RIVER	11795	819100	Jefferson	0	4.52	4.52	Miles	Apr/01/1998	NPS	Total Phosphorus	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Spring Creek	RIVER	11795	819100	Jefferson	0	4.52	4.52	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Spring Creek	RIVER	10492	753900	Walworth	0	5.16	5.16	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat, Turbidity	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
Spring Lake	SPRINGS-LAKE	10311	267200	Portage			38.17	Acres	Apr/01/2016	PS/NPS	Total Phosphorus	High Phosphorus Levels, Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Squaw Creek	RIVER	12363	1420700	Marathon, Wood	0	8.67	8.67	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Squaw Lake	LAKE	16606	2499000	St. Croix			109.96	Acres	Apr/01/1998	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
St. Croix Lake	LAKE	16398	2601500	Pierce, St. Croix			7695.89	Acres	Apr/01/2008	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Steel Brook	RIVER	11794	817800	Jefferson	1.7	2.7	1	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Steel Brook	RIVER	11794	817800	Jefferson	1.7	2.7	1	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Stevens Creek	RIVER	11632	796300	Rock	0	8.35	8.35	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Stillwell Creek	RIVER	14037	1662600	Monroe	0.01	2.46	2.45	Miles	Apr/01/2002	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2006 (4A)
Stony Brook	RIVER	11427	837600	Dane, Dodge, Jefferson	0	15.43	15.43	Miles	Apr/01/2006	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Swan Lake	LAKE	10744	179800	Columbia			407.5	Acres	Apr/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Swinns Valley Creek	RIVER	14351	1776000	Buffalo	0	8.49	8.49	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
Tainter Lake	IMPOUNDMENT	18791	2068000	Dunn			1387.21	Acres	Apr/01/1998	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth, Elevated pH	TMDL Approved	Not Applicable	TMDL approved by EPA in 2012 (4A)
Tappen Coulee Creek	RIVER	14409	1800300	Trempealeau	0	5.06	5.06	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
Token Creek	RIVER	11676	806600	Dane	2.95	3.44	0.49	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2002 (4A)
Token Creek	RIVER	310734	806600	Dane	3.44	7.25	3.81	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2002 (4A)
Token Creek	RIVER	5546058	806600	Dane	7.25	9.9	2.65	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2002 (4A)
Tributary (E.BR) to Denuveau Creek	RIVER	1517827	139100	Fond Du Lac	0	8.53	8.53	Miles	Apr/01/2002	PS/NPS	Total Phosphorus	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Tributary to S Br Yellow River	RIVER	1516846	1372800	Clark	0	1.07	1.07	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Trump Coulee Creek	RIVER	14414	1800600	Jackson, Trempealeau	0	7.71	7.71	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2004 (4A)
Turtle Creek	RIVER	338091	790300	Walworth	24.77	35.58	10.81	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Twin Creek	RIVER	18426	1279400	Sauk	0	8.78	8.78	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Twin Grove Branch	RIVER	13671	891300	Green	0	5.96	5.96	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Ulao Creek	RIVER	10012	21200	Ozaukee	0	8.6	8.6	Miles	Apr/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Un Creek (T22n-R16e-S22)	RIVER	9793	316100	Outagamie	0	4.97	4.97	Miles	Apr/01/2016	PS/NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Un. Creek (Trinity Creek)(T09n R21e Se Ne 35)	RIVER	10010	20400	Milwaukee, Ozaukee	0	3.1	3.1	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Underwood Creek	RIVER	10026	16700	Milwaukee	0	2.84	2.84	Miles	Apr/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Underwood Creek	RIVER	10027	16700	Milwaukee, Waukesha	2.84	8.54	5.7	Miles	Apr/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Underwood Creek	RIVER	10027	16700	Milwaukee, Waukesha	2.84	8.54	5.7	Miles	Apr/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Unnamed	RIVER	1524901	325000	Shawano	0	3.31	3.31	Miles	Apr/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed	RIVER	1524934	326100	Shawano	0	5.33	5.33	Miles	Apr/01/2018	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed (Brothertown) Creek	RIVER	5728467	132100	Calumet	0	3.75	3.75	Miles	Apr/01/2018	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed Creek	RIVER	5533601	1371200	Wood	5	7.91	2.91	Miles	Apr/01/2018	PS/NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Unnamed Creek (T23n,R3e,S10,Sesw,72)	RIVER	12234	1371200	Wood	0	3	3	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Unnamed Creek (T23n,R3e,S10,Sesw,72)	RIVER	12235	1371200	Wood	3	5	2	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Unnamed E Trib. to Schoenick Cr	RIVER	5513459	321200	Shawano	0	2.07	2.07	Miles	Apr/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed Stream	RIVER	3987619	5015142	Clark	0	2.33	2.33	Miles	Apr/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Unnamed Stream	RIVER	3987535	5016277	Wood	0	1.94	1.94	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Unnamed Trib To Mason Lake	RIVER	481686	176300	Adams	2.7	6	3.3	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed Trib to Pigeon River	RIVER	6775097	5015231	Waupaca	0	1.8	1.8	Miles	Apr/01/2018	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed Trib to Pigeon River	RIVER	6852789	5016138	Waupaca	0	1.85	1.85	Miles	Apr/01/2018	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed Trib to S Br Pigeon River	RIVER	6777222	295800	Waupaca	0	0.72	0.72	Miles	Apr/01/2018	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed Trib to Silver Creek	RIVER	5476567	147700	Fond Du Lac	0	8.14	8.14	Miles	Apr/01/2016	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed Trib to Silver Creek	RIVER	5476590	146900	Green Lake	0	2.93	2.93	Miles	Apr/01/2016	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed Trib to W Br Shioc R	RIVER	5513990	319100	Shawano	0	1.46	1.46	Miles	Apr/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed Trib to Yellow River	RIVER	5533738	1374000	Clark	0	0.84	0.84	Miles	Apr/01/2018	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Unnamed Trib to Yellow River	RIVER	4699046	1372500	Wood	0	1.25	1.25	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Van Dyne Creek	RIVER	18155	132600	Fond Du Lac, Winnebago	1	9.11	8.11	Miles	Apr/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
W Br Eau Claire River	RIVER	1496996	1445700	Langlade	2.01	31.44	29.43	Miles	Apr/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
W Branch Big Eau Pleine River	RIVER	12412	1432700	Marathon, Taylor	0	8.7	8.7	Miles	Apr/01/2014	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
W Branch Big Eau Pleine River	RIVER	12413	1432700	Taylor	8.7	12.49	3.79	Miles	Apr/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Waukau Creek	RIVER	18163	140700	Winnebago	0	4.22	4.22	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Wayne Creek	RIVER	358286	865500	Washington	3.08	4.14	1.06	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Weiland Valley Creek	RIVER	14459	1813000	Buffalo	0	3.22	3.22	Miles	Apr/01/2004	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Welch Coulee Creek	RIVER	14372	1799300	Trempealeau	0	5.37	5.37	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
West Br Baraboo River	RIVER	13026	1288400	Juneau, Vernon	0	7.24	7.24	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
West Br Baraboo River	RIVER	13026	1288400	Juneau, Vernon	0	7.24	7.24	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
West Br Big Creek	RIVER	18427	1281200	Juneau, Sauk	0	7.35	7.35	Miles	Apr/01/2012	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
West Br. Menomonee	RIVER	1526845	5033615	Washington	0	2.45	2.45	Miles	Apr/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
West Branch Fond Du Lac River	RIVER	10990	134000	Fond Du Lac	0	26.79	26.79	Miles	Apr/01/2016	PS/NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
White Clay Lake	LAKE	11102	326400	Shawano			236.47	Acres	Apr/01/2012	PS/NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Wild Creek	RIVER	12361	1420400	Marathon	0	8.77	8.77	Miles	Apr/01/2014	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Willow Creek	RIVER	10045	18800	Washington, Waukesha	0	2.8	2.8	Miles	Apr/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Wilson Park Creek	RIVER	9975	15200	Milwaukee	0	3.5	3.5	Miles	Apr/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Wilson Park Creek	RIVER	9976	15200	Milwaukee	3.5	5.5	2	Miles	Apr/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Winneconne Lake	LAKE	10749	241600	Winnebago			4552.94	Acres	Apr/01/1998	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Winneconne Lake	LAKE	10749	241600	Winnebago			4552.94	Acres	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Wisconsin River (At Castle Rock Lake)	RIVER	885667	1179900	Adams, Juneau	158.68	173.27	14.59	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Eutrophication, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Wisconsin River (At Petenwell Lake)	RIVER	885864	1179900	Adams, Juneau	173.27	188.04	14.77	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Wolf River-Main Stem	RIVER	11237	241300	Winnebago	0	9.45	9.45	Miles	Apr/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Wolf River-Main Stem	RIVER	11237	241300	Winnebago	0	9.45	9.45	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Wuerches Creek	RIVER	359163	148300	Green Lake	0	4.4	4.4	Miles	Apr/01/2008	NPS	Total Phosphorus	Low DO, Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Wuerches Creek	RIVER	359163	148300	Green Lake	0	4.4	4.4	Miles	Apr/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Yahara R. Badfish Cr To Stoughton	RIVER	355120	798300	Dane, Rock	7.3	16.33	9.03	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Yahara R. Badfish Cr To Stoughton	RIVER	355120	798300	Dane, Rock	7.3	16.33	9.03	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Yahara River	RIVER	3990161	798300	Columbia, Dane	47.02	63.02	16	Miles	Apr/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Yahara, Rock R. To Badfish Cr.	RIVER	18255	798300	Rock	0	7.3	7.3	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Yahara, Rock R. To Badfish Cr.	RIVER	18255	798300	Rock	0	7.3	7.3	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Yahara, Stoughton To L. Kegonsa	RIVER	355202	798300	Dane	16.33	22.08	5.75	Miles	Apr/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Yellow River	RIVER	5541562	1352800	Clark	83.08	97.59	14.51	Miles	Apr/01/2012	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Yellow River	RIVER	5541476	1352800	Clark, Wood	74.48	83.08	8.6	Miles	Apr/01/2012	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Yellow River	RIVER	12230	1352800	Juneau	0	8.43	8.43	Miles	Apr/01/2012	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Yellow River	RIVER	5541128	1352800	Juneau, Wood	8.43	39.1	30.67	Miles	Apr/01/2012	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Yellow River	RIVER	12205	1352800	Wood	39.1	50.01	10.91	Miles	Apr/01/2012	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Yellow River	RIVER	5541350	1352800	Wood	53.01	57.3	4.29	Miles	Apr/01/2012	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Yellow River	RIVER	5541396	1352800	Wood	57.3	74.48	17.18	Miles	Apr/01/2012	NPS	Total Phosphorus	High Phosphorus Levels	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Yellow River-E. Branch	RIVER	12239	1373200	Marathon, Wood	0	8.78	8.78	Miles	Apr/01/2018	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)
Yellow River-S. Branch	RIVER	12238	1372600	Clark, Wood	0	17.47	17.47	Miles	Apr/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2019 (4A)

Appendix C

2020 New Listings

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Allen Creek	RIVER	13625	883700	Rock	15	20.21	5.21	Miles	Apr/01/2020	NPS	Total Phosphorus	Degraded Biological Community	Addition	Low	TMDL Needed (5A)
Allen Creek	RIVER	18522	883700	Rock	10.57	12.61	2.05	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
Amnicon Lake	LAKE	296831	2858100	Douglas			390.23	Acres	Apr/01/2020	NPS	Unknown Pollutant	Excess Algal Growth	Addition	Low	TMDL Needed (5A)
Andrus Lake (Little Round)	LAKE	16788	2668600	Polk			30.07	Acres	Apr/01/2020	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	Watershed Plan (5W)
Bear Creek	RIVER	10413	292100	Outagamie	0	8.41	8.41	Miles	Apr/01/2020	PS/NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Beaver Creek	RIVER	15808	2091400	Barron, Chippewa	0	9.97	9.97	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Beaver Creek	RIVER	10008	20000	Milwaukee	0	2.65	2.65	Miles	Apr/01/2020	PS/NPS	Chloride	Chronic Aquatic Toxicity	Addition	Low	TMDL Needed (5A)
Bernies Beach	INLAND BEACH	1490972	804600	Dane	0	0.09	0.09	Miles	Apr/01/2020	NPS	E. coli	Recreational Restrictions - Pathogens	Proposed for List	Low	TMDL Needed (5A)
Beulah Lake	LAKE	10501	766600	Walworth			812.07	Acres	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Big Round Lake	LAKE	16562	2627400	Polk			1013.72	Acres	Apr/01/2020	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	Watershed Plan (5W)
Billings Creek	RIVER	13197	1196900	Monroe, Vernon	0	15.2	15.2	Miles	Apr/01/2020	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	Natural Conditions (5C)
Bogus Creek	RIVER	16305	2438900	Pepin	0	8.25	8.25	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Branch River	RIVER	482183	71300	Manitowoc	12.41	20.15	7.74	Miles	Apr/01/2020	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	High	Phosphorus Listed (5P)
Branch River (Main Stem)	RIVER	9899	71300	Manitowoc	0	12.42	12.42	Miles	Apr/01/2020	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	High	Phosphorus Listed (5P)
Brittingham Beach	INLAND BEACH	1487466	804600	Dane	0	0.34	0.34	Miles	Apr/01/2020	NPS	E. coli	Recreational Restrictions - Pathogens	Proposed for List	Low	TMDL Needed (5A)
Bruce Valley Creek	RIVER	14387	1786700	Trempealeau	0	6.49	6.49	Miles	Apr/01/2020	NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	Low	TMDL Needed (5A)
Butler Ditch	RIVER	10040	18100	Waukesha	0	2.85	2.85	Miles	Apr/01/2020	PS/NPS	Chloride	Chronic Aquatic Toxicity	Addition	Low	TMDL Needed (5A)
Cedarburg Creek	RIVER	10057	22900	Ozaukee, Washington	0	4.5	4.5	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Not Applicable	TMDL approved by EPA in 2018 (4A)
Centerville Creek	RIVER	3999071	65400	Manitowoc	0	5.54	5.54	Miles	Apr/01/2020	NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	High	TMDL Needed (5A)
Como Lake	LAKE	18840	2152100	Chippewa			98	Acres	Apr/01/2020	NPS	Total Phosphorus	Excess Algal Growth	Proposed for List	Low	TMDL Needed (5A)
Crestwood Creek	RIVER	3988802	19450	Milwaukee	0	1.35	1.35	Miles	Apr/01/2020	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Proposed for List	Low	TMDL Needed (5A)
Crestwood Creek	RIVER	3988802	19450	Milwaukee	0	1.35	1.35	Miles	Apr/01/2020	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Not Applicable	TMDL approved by EPA in 2018 (4A)
Deneveu Lake	LAKE	10996	139300	Fond du Lac			79.94	Acres	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Devil's River	RIVER	10138	89900	Manitowoc	0	6	6	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Dougherty Creek	RIVER	13698	901000	Green, Lafayette	0	13.98	13.98	Miles	Apr/01/2020	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Duscham Creek	RIVER	16345	2117100	Pepin, Dunn	0	8	8	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	TMDL Needed (5A)
E. Fk. Hemlock Creek	RIVER	12227	1367800	Wood	0	11.02	11.02	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Not Applicable	TMDL approved by EPA in 2019 (4A)
East Fork Halls Creek	RIVER	1438117	1711600	Clark	8.49	10.64	2.15	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Eau Galle River	RIVER	18771	2055000	Pierce, Dunn	11.24	24.06	12.82	Miles	Apr/01/2020	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Elk Creek	RIVER	1456184	2120800	Chippewa	8.97	25.33	16.36	Miles	Apr/01/2020	NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	Low	TMDL Needed (5A)
Erickson Creek	RIVER	13708	906200	Green, Lafayette	0	5.74	5.74	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Faxon (Central Park) Creek	RIVER	1525909	2843700	Douglas	0	3.21	3.21	Miles	Apr/01/2020	NPS	E. coli	Recreational Restrictions - Pathogens	Addition	Low	TMDL Needed (5A)
Fischer Creek	RIVER	9863	65800	Manitowoc	0	8.78	8.78	Miles	Apr/01/2020	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
French Creek	RIVER	14086	1679500	Trempealeau	2.47	8.75	6.28	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Goodland Park	INLAND BEACH	1527156	803700	Dane	0	0.08	0.08	Miles	Apr/01/2020	NPS	E. coli	Recreational Restrictions - Pathogens	Proposed for List	Low	TMDL Needed (5A)
Harvey Creek	RIVER	14486	1819300	Buffalo	0	3.28	3.28	Miles	Apr/01/2020	PS/NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	Low	TMDL Needed (5A)
Harvey Creek	RIVER	5514178	1819300	Buffalo, Pepin	7.09	10.68	3.59	Miles	Apr/01/2020	NPS	Total Phosphorus	Degraded Biological Community, High Phosphorus Levels	Addition	Low	TMDL Needed (5A)
Heins Creek	RIVER	18081	98400	Door	0	0.76	0.76	Miles	Apr/01/2020	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	Natural Conditions (5C)
Hemlock Creek	RIVER	18327	1366300	Wood	27	32.9	5.9	Miles	Apr/01/2020	PS/NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	Not Applicable	TMDL approved by EPA in 2019 (4A)
Herby Lake	LAKE	16624	2468900	Polk			62.62	Acres	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Hill Slough West	RIVERINE BACKWATER	3991220	1241200	#N/A			10.09	FALSE	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Hooker Lake	LAKE	10425	738400	Kenosha			103.26	Acres	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	Proposed for List	Medium	TMDL Needed (5A)
Indian Lake	LAKE	11698	1249000	Dane			64.16	Acres	Apr/01/2020	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Medium	TMDL Needed (5A)
Jackson Lake	LAKE	17444	2734200	Bayfield			149.45	Acres	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Kaul Creek	RIVER	5481866	5032520	#N/A	0	0.99	0.99	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Not Applicable	TMDL approved by EPA in 2018 (4A)
Kewaunee River	RIVER	482871	90700	Brown, Kewaunee	16.36	27.89	11.53	Miles	Apr/01/2020	NPS	Total Phosphorus	High Phosphorus Levels	Addition	High	TMDL Needed (5A)
Kewaunee River	RIVER	18061	90700	Kewaunee	2.63	13.51	10.88	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Addition	High	Phosphorus Listed (5P)
Kewaunee River and Marsh	RIVER	10169	90700	Kewaunee	0.37	2.63	2.26	Miles	Apr/01/2020	Contam. Sed.	Arsenic	Chronic Aquatic Toxicity, Elevated Human Health Risks - Toxics	Addition	Low	TMDL Needed (5A)
La Crosse River Marsh	WETLANDS	32450	5561990	La Crosse			29.24	Acres	Apr/01/2020	Contam. Sed.	Lead	Lead Contaminated Sediments	Proposed for List	Low	TMDL Needed (5A)
La Crosse River Marsh	WETLANDS	34407	5562016	La Crosse			3.05	Acres	Apr/01/2020	Contam. Sed.	Lead	Lead Contaminated Sediments	Proposed for List	Low	TMDL Needed (5A)
Lac La Belle	LAKE	11489	848800	Waukesha			1153.74	Acres	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Addition	Low	Phosphorus Listed (5P)
Lake of The Woods	LAKE	16585	2632100	Barron			46.35	Acres	Apr/01/2020	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	Watershed Plan (5W)
Lake Thirty	LAKE	15875	2099900	Barron			75.5	Acres	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Largon Lake	LAKE	16784	2668100	Polk			134.84	Acres	Apr/01/2020	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	Watershed Plan (5W)
Little Friess Lake	LAKE	11509	853100	Washington			16.17	Acres	Apr/01/2020	NPS	Unknown Pollutant	Excess Algal Growth	Proposed for List	Low	TMDL Needed (5A)
Little Plum Creek	RIVER	1468583	2051000	Pepin	0	4.67	4.67	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Little Saint Germain Lake North and East Lobes	LAKE	8128745	1596300	#N/A			446.48	Acres	Apr/01/2020	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	High	TMDL Needed (5A)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Little Vance Creek	RIVER	15698	2077300	Barron, Dunn	0	2.38	2.38	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Local Water	RIVER	3988966	20200	Ozaukee	0	1.36	1.36	Miles	Apr/01/2020	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Not Applicable	TMDL approved by EPA in 2018 (4A)
Local Water	RIVER	3995025	4350	Racine	0	4.34	4.34	Miles	Apr/01/2020	NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	Medium	Watershed Plan (5W)
Local Water	RIVER	338119	795500	Rock	0	9.54	9.54	Miles	Apr/01/2020	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Local Water	RIVER	3991895	771800	Waukesha	0	4.45	4.45	Miles	Apr/01/2020	PS/NPS	Chloride	Chronic Aquatic Toxicity	Proposed for List	Low	TMDL Needed (5A)
Local Water	RIVER	5690951	5020187	#N/A	0	3.94	3.94	Miles	Apr/01/2020	NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	High	TMDL Needed (5A)
Local Water	RIVER	5735177	867800	#N/A	0	3.72	3.72	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Lost Creek	RIVER	16302	2438300	Pepin	0	8	8	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Luxemburg Creek	RIVER	18072	92100	Kewaunee	0	4.25	4.25	Miles	Apr/01/2020	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	High	TMDL Needed (5A)
Mckeith Lake	LAKE	16628	2481500	Polk			73.36	Acres	Apr/01/2020	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	Watershed Plan (5W)
Mckenzie Lake, Middle	LAKE	17194	2706500	Burnett, Washburn			527.06	Acres	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Mckinley Beach, Lake Michigan	GREAT LAKES BEACH	481498	20	Milwaukee	0	0.59	0.59	Miles	Apr/01/2020	PS/NPS	E. coli	Recreational Restrictions - Pathogens	Proposed for List	Low	TMDL Needed (5A)
Milwaukee River	RIVER	481605	15000	Fond Du Lac, Washington	68.5	103.34	34.84	Miles	Apr/01/2020	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	Not Applicable	TMDL approved by EPA in 2018 (4A)
Mitchell Field Ditch	RIVER	9968	14800	Milwaukee	0	2.3	2.3	Miles	Apr/01/2020	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Proposed for List	Low	TMDL Needed (5A)
Moccasin Creek	RIVER	12268	1388000	Wood	5.04	19.09	14.05	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Not Applicable	TMDL approved by EPA in 2019 (4A)
Moon Lake	LAKE	18813	1867600	Barron			73.93	Acres	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	Proposed for List	Low	Watershed Plan (5W)
Moose Ear Creek	RIVER	1443128	2089600	Barron	2.52	9.92	7.4	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Mullet River	RIVER	9842	53400	Sheboygan	17.76	23.67	5.91	Miles	Apr/01/2020	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Necedah Lake	LAKE	424120	1354300	Juneau			189.25	Acres	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Not Applicable	TMDL approved by EPA in 2019 (4A)
Neshota River	RIVER	9959	88200	Brown, Kewaunee, Manitowoc	0	3	3	Miles	Apr/01/2020	NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	High	TMDL Needed (5A)
Nor-X-Way Channel	RIVER	10043	18450	Ozaukee, Washington, Waukesha	0	4.9	4.9	Miles	Apr/01/2020	PS/NPS	Unknown Pollutant	Elevated Water Temperature	Addition	Medium	TMDL Needed (5A)
Nor-X-Way Channel	RIVER	10043	18450	Ozaukee, Washington, Waukesha	0	4.9	4.9	Miles	Apr/01/2020	PS/NPS	Chloride	Chronic Aquatic Toxicity	Addition	Medium	TMDL Needed (5A)
Noyes Creek	RIVER	3988299	17700	Milwaukee	0	3.54	3.54	Miles	Apr/01/2020	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Medium	TMDL Needed (5A)
Otter Creek	RIVER	13471	1258400	Sauk	17.17	18.81	1.64	Miles	Apr/01/2020	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	TMDL Needed (5A)
Parsons Creek	RIVER	10993	136000	Fond du Lac	3.49	5.68	2.19	Miles	Apr/01/2020	NPS	Sediment/Total Suspe	Degraded Habitat	Proposed for List	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Pickerel Lake	LAKE	128585	1619700	Vilas			270.33	Acres	Apr/01/2020	NPS	Unknown Pollutant	Excess Algal Growth	Proposed for List	Low	Natural Conditions (5C)
Pigeon Creek	RIVER	14394	1792500	Jackson, Trempealeau	7.93	14.89	6.96	Miles	Apr/01/2020	NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	Low	TMDL Needed (5A)
Pine Creek	RIVER	9931	79900	Calumet	0	5.54	5.54	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Addition	High	Phosphorus Listed (5P)
Pipe Creek	RIVER	10979	132800	Fond du Lac	0	2.5	2.5	Miles	Apr/01/2020	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	High	TMDL Needed (5A)
Point Creek	RIVER	9864	66000	Manitowoc	0	13.74	13.74	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Pope Lake	LAKE	26194	262900	Waupaca			14.29	Acres	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Natural Conditions (5C)
Pre-Emption Creek	RIVER	947339	2895200	Bayfield	0	7.22	7.22	Miles	Apr/01/2020	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	Natural Conditions (5C)
Richland Creek	RIVER	13238	1206000	Crawford	0	9.71	9.71	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Rio Creek	RIVER	10215	95200	Kewaunee	0	8.77	8.77	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Rock Creek	RIVER	890345	2119000	Eau Claire, Pepin, Dunn	4.64	9.59	4.95	Miles	Apr/01/2020	NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	Low	TMDL Needed (5A)
Round Lake (Cushing)	LAKE	16631	2494000	Polk			37.42	Acres	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Sevenmile Creek	RIVER	9861	65100	Sheboygan	0	5	5	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	TMDL Needed (5A)
Shea Lake	LAKE	10154	85400	Kewaunee			31.52	Acres	Apr/01/2020	NPS	Total Phosphorus	High Phosphorus Levels, Excess Algal Growth	Proposed for List	High	TMDL Needed (5A)
Sheboygan River	RIVER	11356	50700	Calumet, Manitowoc, Sheboygan, Fond du Lac	33.91	54.1	20.19	Miles	Apr/01/2020	PS/NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	High	TMDL Needed (5A)
Sheboygan River	RIVER	5753343	50700	#N/A	56.03	76.85	20.82	Miles	Apr/01/2020	PS/NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	High	TMDL Needed (5A)
Shoulder Creek	RIVER	18668	2188600	Taylor, Rusk	0	13	13	Miles	Apr/01/2020	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Silvernagle Creek	RIVER	18369	1467400	Taylor	0	9.16	9.16	Miles	Apr/01/2020	PS/NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	Not Applicable	TMDL approved by EPA in 2019 (4A)
South Squaw Creek	RIVER	12362	1420500	Marathon, Wood	0	8	8	Miles	Apr/01/2020	NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	Not Applicable	TMDL approved by EPA in 2019 (4A)
Spice Lake	LAKE	900346	445900	Oconto			20.17	Acres	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Stony Brook	RIVER	18047	81500	Calumet	1.84	6.23	4.39	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Stony Creek	RIVER	10074	28700	Sheboygan, Washington, Fond du Lac	3.1	13.6	10.5	Miles	Apr/01/2020	NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	Not Applicable	TMDL approved by EPA in 2018 (4A)
Stream 28-10	RIVER	15589	2050200	Pepin	0	8.09	8.09	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Swinns Valley Creek	RIVER	14351	1776000	Buffalo	0	8.49	8.49	Miles	Apr/01/2020	NPS	Total Phosphorus	High Phosphorus Levels	Addition	Low	TMDL Needed (5A)
Tainter Creek	RIVER	13137	1185500	Crawford, Vernon	2.45	15.03	12.58	Miles	Apr/01/2020	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	TMDL Needed (5A)
Trade River	RIVER	1517663	2636000	Polk	39.48	44.19	4.71	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Trade River	RIVER	6978199	2636000	#N/A	33.15	35.92	2.77	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Trade River	RIVER	6978241	2636000	#N/A	37.01	39.48	2.47	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Turtle Lake, North	LAKE	15010	2310400	Vilas			359.15	Acres	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Addition	Low	Natural Conditions (5C)

Local Waterbody Name	Water Type	WATERS ID	WBIC	County Name	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Twin Hill Creek	RIVER	10135	89600	Brown	0	5.95	5.95	Miles	Apr/01/2020	NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	High	TMDL Needed (5A)
Un. Creek (Brown Deer Creek)(T08n R22e Sw Nw 07)	RIVER	10007	19700	Milwaukee	0	2.3	2.3	Miles	Apr/01/2020	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	Not Applicable	TMDL approved by EPA in 2018 (4A)
Unnamed Creek (T23n,R6e,S26,Sesw,72)	RIVER	12272	1397200	Wood	0	1.42	1.42	Miles	Apr/01/2020	PS/NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	Not Applicable	TMDL approved by EPA in 2019 (4A)
Unnamed Creek(T22n,R20e,S31)	RIVER	10686	120500	Brown	0	10	10	Miles	Apr/01/2020	PS/NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	Low	Watershed Plan (5W)
Unnamed Stream	RIVER	6918644	257800	#N/A	0	2.88	2.88	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed Stream	RIVER	6918660	257900	#N/A	0	2.6	2.6	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed Stream	RIVER	6921935	1281500	#N/A	0	2.39	2.39	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Not Applicable	TMDL approved by EPA in 2019 (4A)
Unnamed Stream	RIVER	6938642	5026041	#N/A	0	1.54	1.54	Miles	Apr/01/2020	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed Stream	RIVER	8110198	1764700	#N/A	0	1.2	1.2	Miles	Apr/01/2020	NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	Low	TMDL Needed (5A)
Unnamed Stream	RIVER	8110754	3000189	#N/A	0	2.46	2.46	Miles	Apr/01/2020	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed Stream	RIVER	8110960	5020640	#N/A	0	0.95	0.95	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed Stream	RIVER	8111202	5020550	#N/A	0	1.61	1.61	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed Stream	RIVER	8111314	5039986	#N/A	0	1.51	1.51	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Unnamed Stream	RIVER	8110723	5025714	#N/A	0	1.86	1.86	Miles	Apr/01/2020	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed Stream	RIVER	8111273	5021372	#N/A	0	7.29	7.29	Miles	Apr/01/2020	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Unnamed Trib (T19n, R21e, S02)	RIVER	18035	75500	Manitowoc	0	4.11	4.11	Miles	Apr/01/2020	PS/NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Unnamed Trib to Hill Creek	RIVER	5476549	5027219	#N/A	0	2.37	2.37	Miles	Apr/01/2020	NPS	Sediment/Total Suspe	Degraded Habitat	Proposed for List	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed Trib to N Br Pigeon River	RIVER	6853164	3000102	#N/A	0	3.38	3.38	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed Trib to Silver Creek	RIVER	5476612	147000	#N/A	0	2.11	2.11	Miles	Apr/01/2020	NPS	Sediment/Total Suspe	Degraded Habitat	Proposed for List	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed Trib to W Fk Little Rib River	RIVER	5513762	1453200	#N/A	1.31	2.38	1.07	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Not Applicable	TMDL approved by EPA in 2019 (4A)
Unnamed Trib to Waupaca River	RIVER	6775847	5021414	#N/A	0	3.37	3.37	Miles	Apr/01/2020	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Unnamed Trib to Yahara River	RIVER	6854039	5034240	#N/A	0	1.69	1.69	Miles	Apr/01/2020	PS/NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	Low	TMDL Needed (5A)
Upper Sugar River	RIVER	1520990	875300	Dane	56.14	82.33	26.19	Miles	Apr/01/2020	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Natural Conditions (5C)
Upper Vermillion Lake	LAKE	15868	2098800	Barron			91.47	Acres	Apr/01/2020	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	Watershed Plan (5W)
Vosse Coulee Creek	RIVER	14416	1801800	Jackson, Trempealeau	0	6.27	6.27	Miles	Apr/01/2020	NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	Low	TMDL Needed (5A)
Waumandee Creek	RIVER	14439	1808300	Buffalo	0	12.38	12.38	Miles	Apr/01/2020	NPS	Total Phosphorus	High Phosphorus Levels	Proposed for List	Low	TMDL Needed (5A)
White Creek	RIVER	11026	146600	Green Lake	0	1.11	1.11	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Not Applicable	TMDL Approved by EPA in 2020 (4A)
Willow River (Mouth to Dam)	RIVER	1468860	2606900	Saint Croix	2.55	5.07	2.52	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Willow River (to confluence of branches)	RIVER	1525181	2606900	Saint Croix	26.29	32.47	6.18	Miles	Apr/01/2020	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Watershed Plan (5W)
Wood Lake	LAKE	16715	2649800	Burnett			521.24	Acres	Apr/01/2020	NPS	Total Phosphorus	Eutrophication	Addition	Low	Watershed Plan (5W)

Appendix D

2020 Listings Removals

Local Waterbody Name	WATER_TYPE	WATERS ID	WBIC	COUNTY_NAME	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status
Allen Creek	RIVER	13625	883700	Rock	15	20.21	5.21	Miles	Apr/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	Deletion
Angelo Pond	IMPOUNDMENT	14028	1660400	Monroe			39.47	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Arbutus Lake	LAKE	18119	181400	Forest			163.18	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Bass Lake	LAKE	128740	970000	Oneida			67.45	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Bear Lake	LAKE	18759	2403200	Ashland			184.14	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Beaver Creek	RIVER	10008	20000	Milwaukee	0	2.65	2.65	Miles	Apr/01/1998	NPS	Unknown Pollutant	Chronic Aquatic Toxicity	Deletion
Big Rib River	RIVER	313263	1451800	Marathon	0	11.84	11.84	Miles	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Bird Lake	LAKE	128863	972000	Oneida			97.33	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Black River	RIVER	8112899	50300		5.99	11.01	5.02	Miles	Apr/01/2014	PS/NPS	Total Phosphorus	Degraded Biological Community	Delist
Bladder Lake	LAKE	890888	2756200	Bayfield			84.06	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Bullhead Lake	LAKE	9881	68300	Manitowoc			69.52	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Deletion
Callahan Lake	LAKE	15472	2434700	Sawyer			138.41	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Camp Lake	LAKE	15112	1839100	Vilas			37.52	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Carpenter Creek	RIVER	10784	248800	Waushara	0	6.06	6.06	Miles	Apr/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	Deletion
Cary Millpond	LAKE	10297	262400	Waupaca			83.95	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Circle Lily Lake	LAKE	15161	2326700	Iron, Vilas			218.12	Acres	Apr/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	Delist
Cisco Lake	LAKE	891024	2899200	Bayfield			96.27	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Clam Lake, Lower	LAKE	15559	2429300	Sawyer			213.74	Acres	Apr/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	Delist
Clear Lake	LAKE	127840	977000	Langlade			86.73	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Clear Lake	LAKE	11701	775000	Rock			77.41	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Deletion
Crystal Lake	LAKE	9837	45200	Sheboygan			128.98	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Day Lake Flowage	IMPOUNDMENT	15561	2430300	Ashland			578.23	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Dead Pike Lake	LAKE	15067	2316600	Vilas			308.57	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Deletion
Deer Lake	LAKE	128733	1519600	Lincoln			149.72	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Duck Creek	RIVER	10850	409700	Brown	0	4.96	4.96	Miles	Apr/01/2002	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Deletion
Duck Creek	RIVER	10851	409700	Outagamie	25.69	32.9	7.21	Miles	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Deletion
Dunham Lake	LAKE	16725	2651800	Burnett			230.6	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
East Alaska Lake	LAKE	18067	94200	Kewaunee			50.36	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Echo Lake	LAKE	16602	2630200	Barron			172.48	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Fishtrap Lake	IMPOUNDMENT	15403	2401100	Sawyer			216	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist

Local Waterbody Name	WATER_TYPE	WATERS ID	WBIC	COUNTY_NAME	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status
Forest Lake	LAKE	11274	8900	Fond Du Lac			50.6	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Foster Lake	LAKE	128113	985400	Oneida			37.42	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Fox River At Buffalo Lake	LAKE	11083	168000	Marquette			2178.92	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Deletion
Galilee Lake	LAKE	891262	2935500	Ashland			211.55	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Gates Lake	LAKE	15396	1850200	Ashland			16.86	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Gilmore Lake	LAKE	128123	1589300	Oneida			313.53	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Gilmore Lake	LAKE	17283	2695800	Washburn			371.36	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Deletion
Glen Lake	IMPOUNDMENT	15726	2071700	St. Croix			84	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Green Bay (Wi - Menominee Aoc)	RIVER	884910	70	Marinette	0	6.43	6.43	Miles	Apr/01/1998	Contam. Sed.	PAHs	PAHs Contaminated Sediments	Delist
Green Bay (Wi - Menominee Aoc)	RIVER	884910	70	Marinette	0	6.43	6.43	Miles	Apr/01/1998	Contam. Sed.	Arsenic	Arsenic Contaminated Sediments	Delist
Harmon Lake	LAKE	18809	1852500	Washburn			100.17	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Harvey Creek	RIVER	5514178	1819300	Buffalo, Pepin	7.09	10.68	3.59	Miles	Apr/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	Deletion
Hemlock Lake	LAKE	16230	1853400	Chippewa			29.62	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Deletion
Hills Lake	LAKE	10758	182100	Waushara			124.68	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Howe Lake	LAKE	18858	1855100	Chippewa			66.71	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Jennie Webber Lake	LAKE	128156	1574300	Oneida			236.71	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Julia Lake	LAKE	128167	995000	Oneida			240.66	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Kewaunee River and Marsh	RIVER	10169	90700	Kewaunee	0.37	2.63	2.26	Miles	Apr/01/1998	Contam. Sed.	Unspecified Metals	Chronic Aquatic Toxicity	Deletion
Kickapoo River	RIVER	887065	1182400	Crawford	19.05	25.45	6.4	Miles	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Deletion
Kusel Lake	LAKE	10761	189600	Waushara			73.73	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Little Menomonee	RIVER	10038	17600	Milwaukee, Ozaukee	0	9	9	Miles	Apr/01/1998	Contam. Sed.	Creosote	Chronic Aquatic Toxicity	Deletion
Long Lake	LAKE	11325	38700	Fond Du Lac, Sheboygan			423.49	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Long Lake	LAKE	14983	2303500	Iron			370.14	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Long Lake	IMPOUNDMENT	14719	2239300	Price			418	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Long Lake T47 R8w S2	LAKE	890905	2767100	Bayfield			279.62	Acres	Apr/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	Delist
Long Lake T47 R8w S2	LAKE	890905	2767100	Bayfield			279.62	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Loon Lake	LAKE	16518	2478600	Barron			90.98	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Lower Bass Lake	LAKE	127876	1002300	Langlade			83.68	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist

Local Waterbody Name	WATER_TYPE	WATERS ID	WBIC	COUNTY_NAME	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status
Machickanee Flowage (Imp)	IMPOUNDMENT	10949	448200	Oconto			436.13	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Mackaysee Lake (Muckayee)	LAKE	10196	93500	Door			347	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Maiden Lake	LAKE	18259	487500	Oconto			278.18	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Marinuka Lake	LAKE	14080	1678200	Trempealeau			116.56	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Deletion
Mayflower Lake	LAKE	9757	310500	Marathon			98.56	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Menominee River	RIVER	12050	609000	Marinette	0	3.45	3.45	Miles	Apr/01/1998	Contam. Sed.	PAHs	PAHs Contaminated Sediments	Deletion
Menominee River	RIVER	12050	609000	Marinette	0	3.45	3.45	Miles	Apr/01/1998	Contam. Sed.	Arsenic	Arsenic Contaminated Sediments	Deletion
Mud Hen Lake	LAKE	16714	2649500	Burnett			569.32	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Mud Lake	LAKE	15473	2434800	Sawyer			463.63	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Musky Bay	BAY/HARBOR	1850472	2390800	Sawyer			301.77	Acres	Apr/01/2012	PS/NPS	Total Phosphorus	Non-Native Aquatic Plants, High Phosphorus Levels	Delist
N. Fork Juda Branch	RIVER	6876678	877700	Green	1.68	3.8	2.12	Miles	Apr/01/1998	PS/NPS	Total Phosphorus	Low DO, Degraded Biological Community	Deletion
New Lisbon Lake	LAKE	13550	1306000	Juneau			122	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Newman Lake	LAKE	14762	1870200	Price			90.35	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
North Lake	LAKE	16578	2630800	Barron			82.74	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
North Nokomis Lake	LAKE	128242	1595800	Oneida			469.54	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
North Spirit Lake	LAKE	425815	1515200	Price, Taylor			224.35	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Deletion
North Two Lakes	LAKE	128244	1007500	Oneida			149.72	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Nugget Lake	IMPOUNDMENT	18769	2053400	Pierce			116	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Oconomowoc Lake	LAKE	11491	849600	Waukesha			795.3	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Oswego Lake	LAKE	15139	1871800	Vilas			67.93	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Palmer Lake	LAKE	128841	2962900	Vilas			644.08	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Perch Lake T45 R7w S5	LAKE	890922	2770700	Bayfield			68.89	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Perch Lake, Bass	LAKE	15275	2368500	Rusk			18.16	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Peshtigo Flowage	IMPOUNDMENT	11845	515800	Marinette			393.15	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Pewaukee River	RIVER	10510	771700	Waukesha	0	6.43	6.43	Miles	Apr/01/2018	NPS	Chloride	Chronic Aquatic Toxicity	Delist
Pike Lake	LAKE	18227	858300	Washington			460.99	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Pine Creek	RIVER	9866	66300	Manitowoc	2	6	4	Miles	Apr/01/2012	NPS	Total Phosphorus	Impairment Unknown	Delist
Pioneer Lake	LAKE	128589	1623400	Vilas			429.43	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Potter Lake	LAKE	891228	2917200	Ashland			29.16	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Red Cedar Lake	LAKE	11715	813100	Jefferson			343.7	Acres	Apr/01/2012	PS/NPS	Unknown Pollutant	Excess Algal Growth	Delist

Local Waterbody Name	WATER_TYPE	WATERS ID	WBIC	COUNTY_NAME	Start Mile	End Mile	Size	Units	Date Listed	Source Category	Pollutant	Impairment Indicator	Status
Red Lake	LAKE	17251	2492100	Douglas			253.45	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Reservoir Pond (Imp)	IMPOUNDMENT	11811	466700	Oconto			412.63	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Richter Lake	LAKE	18635	1760000	Taylor			43.47	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Rock Dam Lake	IMPOUNDMENT	18828	2139000	Clark			95.87	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Deletion
Rock Lake	LAKE	11386	830700	Jefferson			1364.58	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Rock Lake	LAKE	15017	2311700	Vilas			122	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Rolling Stone Lake	LAKE	10607	389300	Langlade			682.15	Acres	Apr/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	Delist
Round Lake T37n R18w S27	LAKE	16676	2640100	Burnett			208.35	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Deletion
Sailor Creek Flowage	IMPOUNDMENT	18678	2252200	Price			215	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Scott Lake	LAKE	16577	2630700	Barron			76.36	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Shattuck Lake, North	LAKE	18859	1869300	Chippewa			39.13	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Shawano Lake	LAKE	9825	322800	Shawano			6215.51	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Deletion
Silver Lake	LAKE	17171	2496900	Washburn			188.46	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Spirit Lake	LAKE	425781	1513000	Price, Taylor			136.8	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Deletion
Stream C, trib to Flambeau River	RIVER	3924686	4000013	Rusk	0	0.55	0.55	Miles	Apr/01/2012	Unknown	Zinc	Acute Aquatic Toxicity	Deletion
Sylvan Lake (Pipe)	LAKE	15843	1884800	Barron			76.93	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Deletion
Thompson Lake	LAKE	128748	1569900	Oneida			401.22	Acres	Apr/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	Delist
Thompson Lake	LAKE	128748	1569900	Oneida			401.22	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Thunder Lake Inlet	RIVER	11916	533700	Marinette	0	1.25	1.25	Miles	Apr/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	Delist
Turtle Lake, North	LAKE	15010	2310400	Vilas			359.15	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Deletion
Turtle Lake, South	LAKE	15009	2310200	Vilas			466.19	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Deletion
Two Axe Lake	LAKE	15398	1887200	Sawyer			45.24	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Two Island Lake	LAKE	14529	1887500	Chippewa			29.41	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist
Unnamed Trib to Yahara R	BAY/HARBOR	5535982	806300	Dane			9.16	Acres	Apr/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	Delist
Upper Buckatabon Lake	LAKE	128692	1621800	Vilas			492.99	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Deletion
Upper Koshkonong	RIVER	304937	808800	Dane, Jefferson	27.27	48.42	21.15	Miles	Apr/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	Deletion
West Twin Lake	LAKE	890973	2832200	Bayfield			15.07	Acres	Apr/01/1998	Atm. Dep.	Mercury	Mercury Contaminated Fish Tissue	Delist

Appendix E

2022 TMDL Listings

These new 2020 listings were identified as covered by an existing TMDL. These listings will remain in Category 5 for the 2020 list, but will be moved to Category 4 (Restoration Waters List) during the 2022 cycle. This appendix shows which waters have been identified as part of a TMDL and what part of each TMDL covers these pollutants.

WBIC	AU ID	ATTAINS ID	Waterbody Name	Pollutant	TMDL Basin	Subbasin(s)	Waterbody Criteria (ug/L)	Subbasin Target (ug/L)	Subbasin Downstream Target (ug/L)
22900	10057	WI10000251	Cedarburg Creek	Total Phosphorus	Milwaukee River Basin	MI-22	75	75	NA
28700	10074	WI10000263	Stony Creek			MiI-13	75	75	NA
15000	481605	WI10008804	Milwaukee River			MI-1, MI-2, MI-6	75	75	NA
19450	3988802	WI10028340	Crestwood Creek			MI-31	75	75	NA
1367800	12227	WI10001884	E. Fk. Hemlock Creek	Total Phosphorus	Wisconsin River Basin	201, 314	75	75	75 and 75
1388000	12268	WI10026140	Moccasin Creek			256	75	75	45
1397200	12272	WI8154892	Unnamed Creek			144,259	75	100 and 75	40 and 32
1420500	12362	WI10001975	South Squaw Creek			150	75	75	66
1366300	18327	WI8154784	Hemlock Creek			201	75	75	75
1467400	18369	WI10006332	Silvernagle Creek			276	75	75	23
1354300	424120	WI10008636	Necedah Lake			199	75	75	42
1453200	5513762	WI10033020	Unnamed Trib to W Fk Little Rib River			292	75	75	23
1281500	6921935	WI10042164	Unnamed Stream			16	75	75	56
136000	10993	WI10000950	Parsons Creek	Sediment/Total Suspended Solids	Upper Fox/Wolf River Basins	41,42			
5027219	5476549	WI10030963	Unnamed Trib to Hill Creek			79			
147000	5476612	WI10030981	Unnamed Trib to Silver Creek			19			
292100	10413	WI10000518	Bear Creek	Total Phosphorus		64, 70	75	75 and 100	25 and 27
146600	11026	WI10000972	White Creek			20	75	75	65
5021414	6775847	WI10039523	Unnamed Trib to Waupaca River			66	75	75	24
3000102	6853164	WI10039794	Unnamed Trib to N Br Pigeon River			60	75	75	29

WBIC	AU ID	ATTAINS ID	Waterbody Name	Pollutant	TMDL Basin	Subbasin(s)	Waterbody Criteria (ug/L)	Subbasin Target (ug/L)	Subbasin Downstream Target (ug/L)
257800	6918644	WI10041923	Unnamed Stream	Total Phosphorus	Upper Fox/Wolf River Basins	66	75	75	24
257900	6918660	WI10041924	Unnamed Stream			66	75	75	24
5026041	6938642	WI10043044	Unnamed Stream			75	75	75	32
5025714	8110723	WI10044503	Unnamed Stream			75	75	75	32
3000189	8110754	WI10044505	Unnamed Stream			75	75	75	32
5020640	8110960	WI10044525	Unnamed Stream			66	75	75	24
5020550	8111202	WI10044543	Unnamed Stream			66	75	75	24