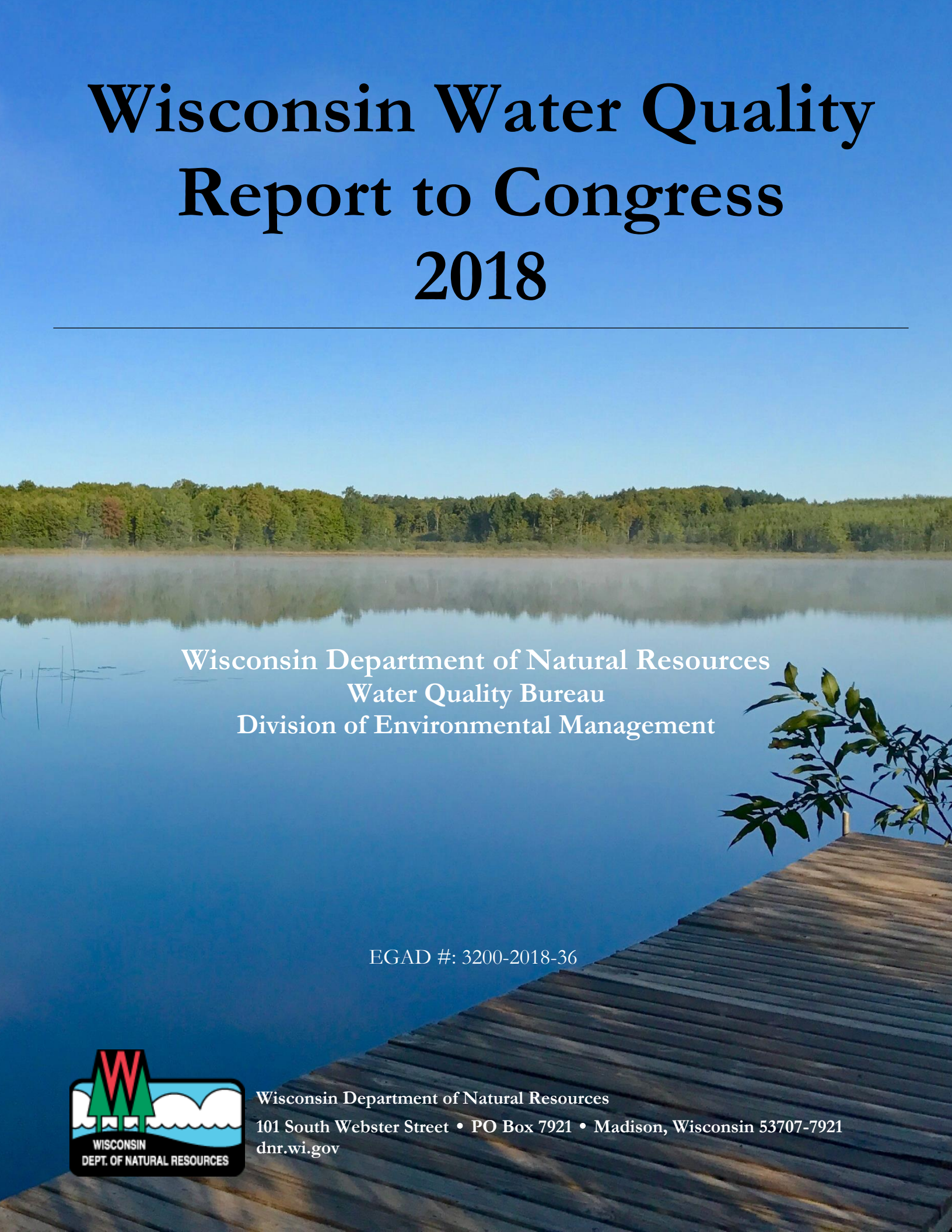
Wisconsin Water Quality Report to Congress 2018



Wisconsin Department of Natural Resources
Water Quality Bureau
Division of Environmental Management

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Cover Photo: View of Seidel Lake in Florence County. Photo by Luke Ernster.

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) and 303(d). 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 2018 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: http://dnr.wi.gov/topic/surfacewater/assessments.html.

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Previous reports were published in 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.

Letter to Citizens

Every two years, Wisconsin provides a *Water Quality Report to Congress*. This report summarizes the condition of the State's water resources (i.e., lakes, rivers, streams, wetlands, drinking water, groundwater, and Great Lakes) and describes Wisconsin's programs to manage, protect and enhance those water resources that are so vital to our culture and our economy.

As part of the Department of Natural Resources' mission, staff in the Water Programs work hard to use the resources available – in the most efficient manner possible – to ensure that our efforts are focused on meeting the needs of the state's citizens and visitors. With the vast water resources in Wisconsin, it is critical to conduct our work in an organized manner that can be evaluated regularly and improved upon as needed. To that end, the Water Programs have four strategic objectives that help define our program goals and guide the work that we do:

- Protecting the Public Trust
- Implementing the Clean Water Act
- Sustaining Healthy Fisheries
- Providing Safe Drinking Water and Groundwater

WDNR's Water Program staff work hard to efficiently use resources available to ensure focused efforts on meeting water quality goals and protecting recreational uses for generations to come. The quality of life benefits from protecting our water resources are vital to the State's economy. WDNR continually strives to make decisions based on science, track and document progress, and educate the public about water quality issues. In partnership with citizen groups, tribal partners and other state and federal agencies, staff will continue to seek opportunities for collaboration to assess and improve our water resources.

Wisconsin's responsibilities to assess, manage, protect, and enhance our water resources for the citizens of Wisconsin are reflected in this 2018 Integrated Water Quality Report to Congress. This report satisfies federal reporting requirements and provides insights into the WDNR's multitude of water-related programs.

Looking forward, I am confident that you'll agree that Wisconsin is well prepared to continue to evaluate, protect and improve our precious water resources for the citizens of Wisconsin.

Jim Zellmer, Deputy Administrator
Environmental Management Division

Contents

A. 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.

Key Points

- The majority of assessed waterbodies in the state are healthy (82%, Figure 2). During the 2018 cycle a greater focus was placed on quantifying the state's healthy waters in addition to the ones determined to be impaired. The use of automated assessment packages, which are specific calculations done by a computer, and access to a large amount of data has allowed for the assessment of more waterbodies. A waterbody is determined to be healthy if it meets at least one of its designated uses (recreation, aquatic life, fish consumption) and is not impaired for any use. Healthy waters are found all across the state (Figure 1).

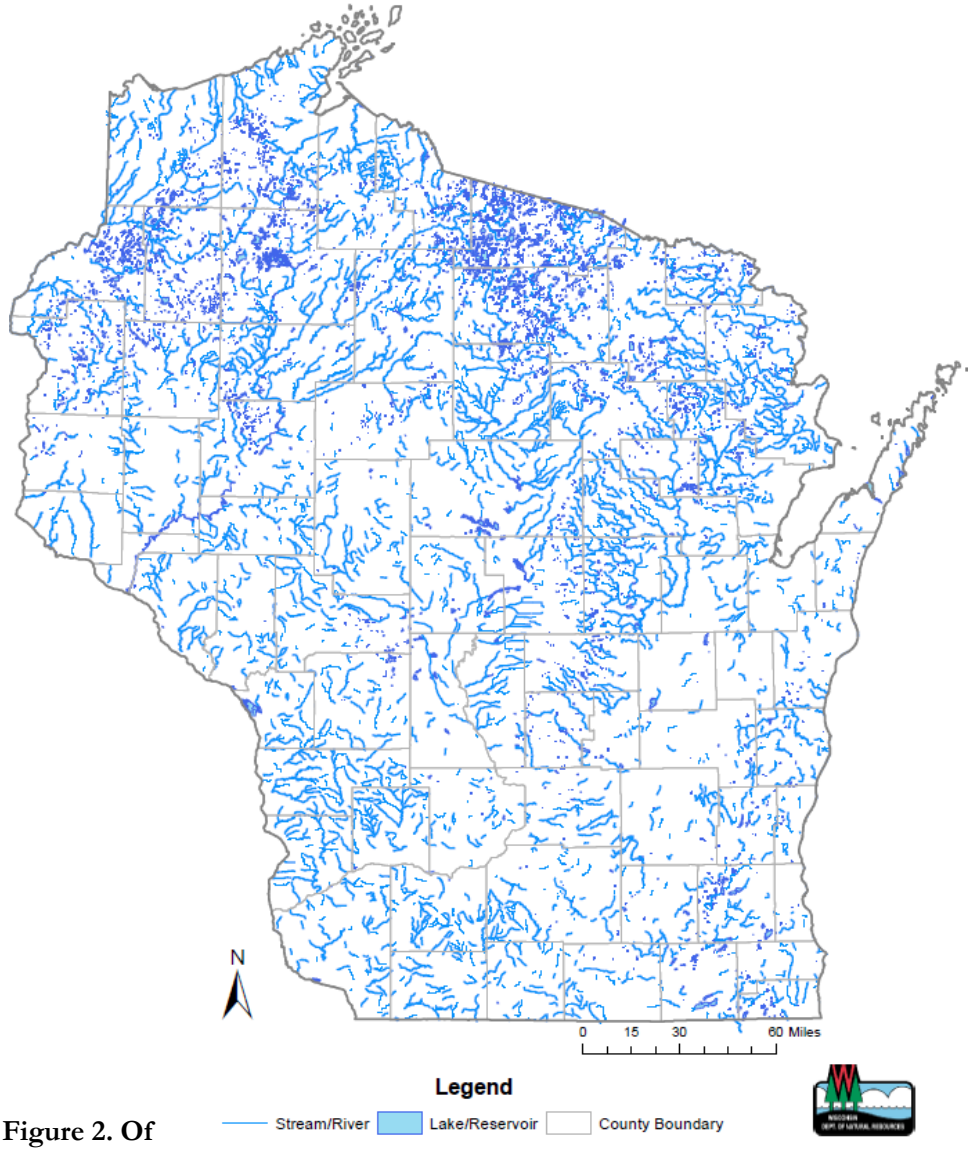


Figure 1. Map of healthy waters across Wisconsin.

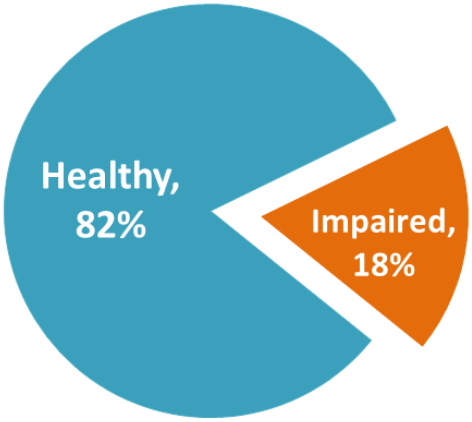


Figure 2. Of assessments, percentage of healthy versus impaired waters.

- Over 159,000 lake acres had their PCB listings removed. Lakes Winnebago, Butte des Morts, Winneconne, and Poygan all had their specific fish consumption advisories for PCBs removed based on new fish tissue data (Figure 3). This is one of the largest lake acreage pollutant deletions for fish consumption since 2008. An effort was put forth during the 2018 cycle to determine which lakes were supporting Fish Consumption (FC) use because in the past only impaired waters and waters delisted for a pollutant related to FC were reported. With the large number of acres delisted and healthy waters identified the percentage of lake acres supporting FC use increased to 30% of lakes in the database (Figure 4). This update lets Wisconsin citizens know which lakes have had fish tissue tested.

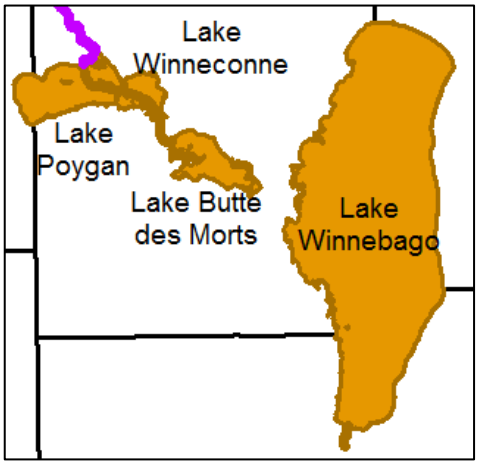


Figure 3. Lakes Winnebago, Butte des Morts, Winneconne, and Poygan had their PCB listings removed.

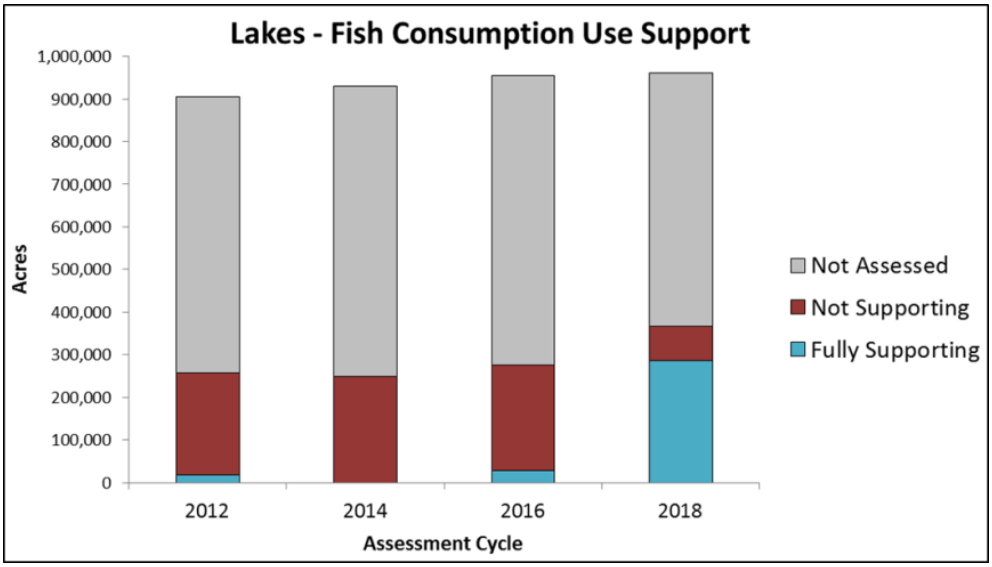


Figure 4. Fish Consumption Use support for lakes for the past four assessment cycles.

- There were a total of 35 waterbodies removed from the impaired waters list, the most since 2010. The majority of these delistings were for total phosphorus and mercury (Figure 5).

- The 2018 draft 303(d) impaired waters list has 242 waterbodies, with 244 new pollutant observations, and 43 previously listed waterbodies with 45 pollutant occurrences added (Figure 5).

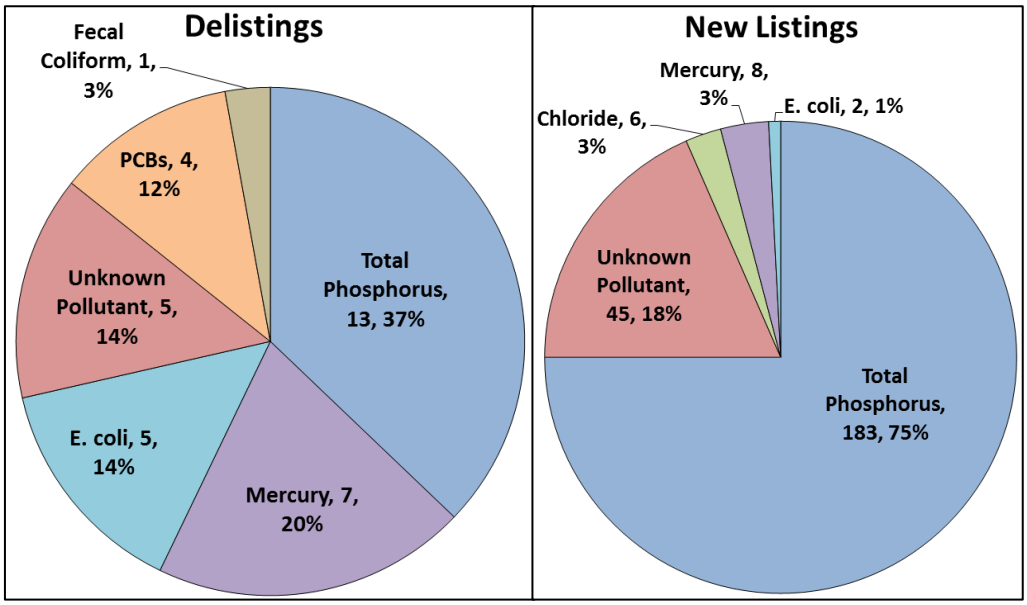


Figure 5. Delisting and listings for the 2018 impaired waters list by pollutant.

B. Background Information

B1. 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. The state's resources also include 1,000 miles of Great Lakes shoreline, 5 million acres of wetlands, and 1.2 quadrillion gallons of groundwater (Figure 6). Despite the abundance of water resources in Wisconsin, many are threatened by human-induced stressors.

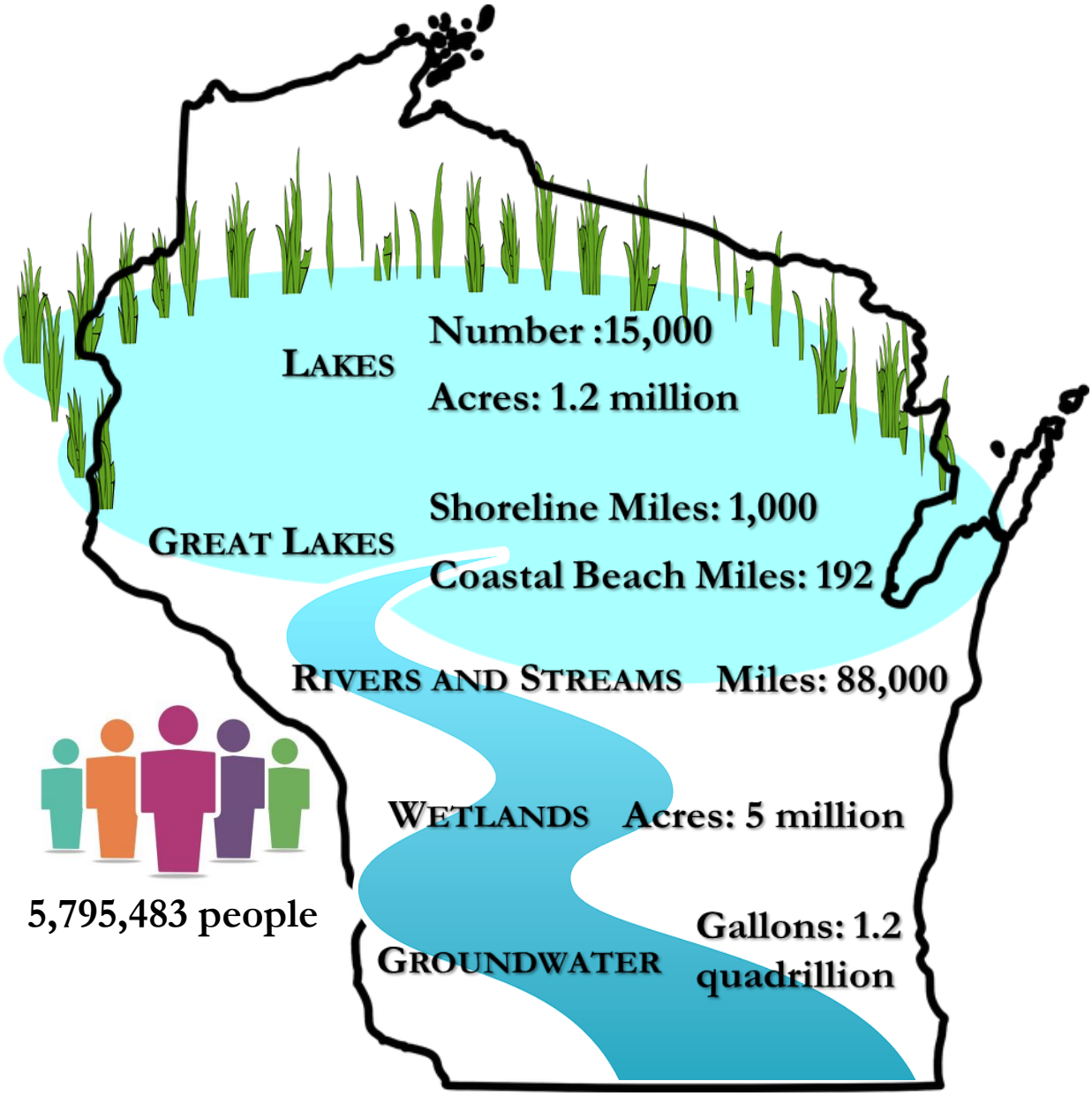


Figure 6. Wisconsin's water resources at a glance with recent population numbers. 2017 population number estimated by the United States Census Bureau.

B2. Water Pollution Control Programs

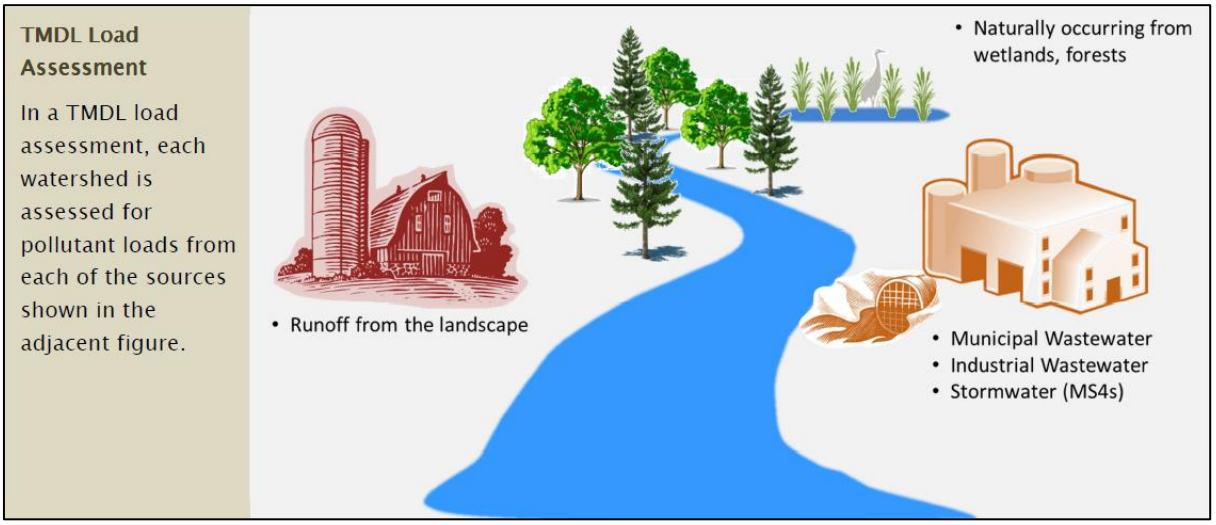
A broad range of WDNR programs within the Bureaus of Water Quality and Watershed Management contribute to water quality improvements:

- Total Maximum Daily Load Program
- Water Quality Standards
- Runoff Management Programs
- Wastewater Management
- Waterway Shorelands
- Waterways & Wetlands

Reported below are all new developments in these programs over the past two years, since the last Wisconsin Water Quality Report to Congress was submitted to the EPA on April 1, 2016. For information on the programs please refer to the 2016 report or visit the webpages linked in each section.

Total Maximum Daily Load Program

Under section 303(d) of the CWA, states, territories and authorized tribes are required to submit lists of impaired waters. These are waters that are degraded and do not meet water quality standards. The law requires that the states establish priority rankings for waters on the lists and develop Total Maximum Daily Loads (TMDL) for these waters. A TMDL is the amount of a pollutant a waterbody can receive and still meet water quality standards. A TMDL serves as a planning tool and potential starting point for restoration or protection activities with the ultimate goal of attaining or maintaining water quality standards. In simple terms, a TMDL is a pollution "budget" for a water body or watershed that establishes reductions needed from each pollutant source to meet water quality goals. While some waters may be restored through alternative projects such as Nine Element Watershed Restoration Plans, many impairments are best addressed through TMDLs.



Newly Approved TMDLs

Milwaukee River Basin

The Milwaukee Metropolitan Sewerage District (MMSD) developed TMDLs as a third party on behalf of the WDNR for the Menomonee River, Kinnickinnic River, and Milwaukee River Watersheds, and for the Milwaukee Harbor Estuary. The pollutant causes of impairment addressed by the TMDLs are fecal coliform bacteria, phosphorus, and sediment.

The Milwaukee River Basin TMDLs document was submitted to EPA toward the end of 2017 and approval was given March 9, 2018.

The Milwaukee River Harbor (left) and the Menomonee River (right) are both addressed in the newly approved TMDLs.

TMDLs in Development

Wisconsin River Basin

Several reservoir lakes and tributaries in the Wisconsin River Basin are impaired because of excessive phosphorus loading. As a result, a comprehensive study of the Wisconsin River Basin (WRB) has been initiated by the WDNR that will culminate in the development of a TMDL to meet water quality standards of the river, its impoundments and tributaries.

Figure 7. Number of listed waters and individual phosphorus pollutant listings to be addressed by the Wisconsin River Basin TMDLs.

The Wisconsin River TMDL study area spans Wisconsin's central corridor from the river's tributaries in Vilas County to Lake Wisconsin in Columbia County, covering 9,156 mi2 – approximately 15 percent of the state. The Wisconsin River Basin TMDL has been drafted and is currently proceeding through the required comments periods. The TMDL is expected to be completed in 2018.

Upper Fox and Wolf River Basins

The Upper Fox River (UFR) Basin and the Wolf River (WR) Basin are two separate basins that converge within a series of pool lakes in Winnebago County before finally flowing collectively into Lake Winnebago. All of 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. A TMDL has been developed for the Lower Fox River and Lower Green Bay Area of Concern (AOC) for phosphorus and total suspended solids.

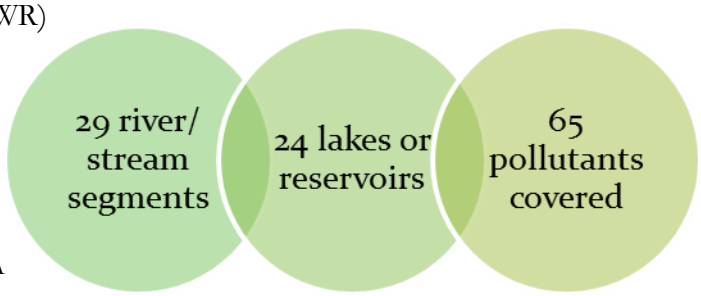


Figure 8. Number of listed waters and individual phosphorus pollutant listings to be addressed by the Upper Fox and Wolf River Basins TMDLs.

The Upper Fox River and Wolf River Basins are important environmental and economic resources for the state and the local community. People have long used the Fox River and Wolf Rivers for transportation, commerce, energy, food, and recreation. However, the waters located within the Upper Fox and Wolf River Basins are impaired due to excess phosphorus and total suspended solids (TSS). To restore waters within the Fox and Wolf Basins, TMDLs will be developed for total phosphorus and TSS. The TMDL will identify the sources of the pollutants and the reductions necessary to address water quality impairments. In addition, addressing water quality in the Upper Fox and Wolf basins may be necessary in restoring water quality in the Lower Fox basin.

Boats on the Fox River.

The Upper Fox and Wolf River Basins TMDLs are currently being drafted and are slated for completion in calendar year 2018.

Northeast Lake Shore TMDL

The state legislature appropriated funds for a TMDL study for the eastern part of Wisconsin covering areas that drain into Lake Michigan from the Ahnapee River watershed south to the Sauk Creek watershed (Figure 10). The TMDL is being developed to address impairments due to nutrients and sediment. The project is currently in the data collection and monitoring phase to identify waters impaired due to phosphorus and sediment and characterize and quantify the nutrients, including nitrogen, coming from nonpoint sources relative to climate, land use, soil type, and drainage patterns. It is anticipated that this project will take three to four more years to complete.

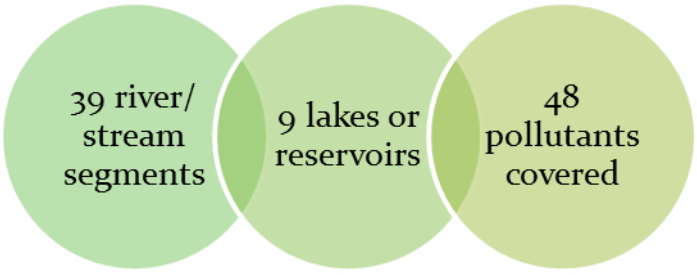
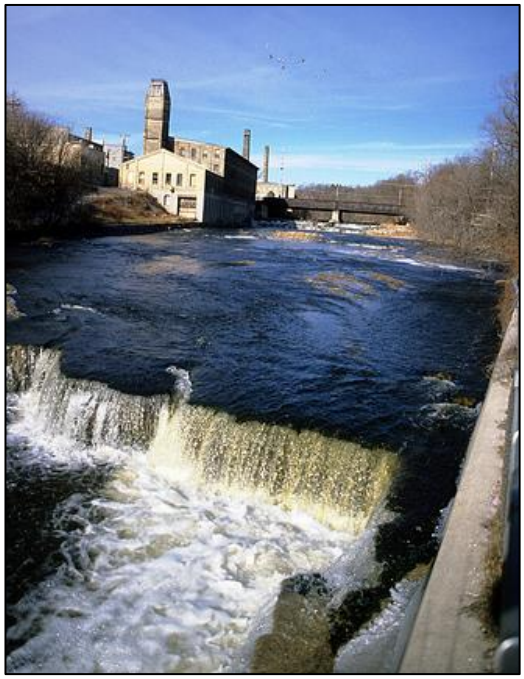


Figure 9. Number of listed waters and individual phosphorus pollutant listings estimated to be addressed by the Northeast Lake Shore TMDLs.



The Sheboygan River is part of the new Northeast Lake Shore TMDL.

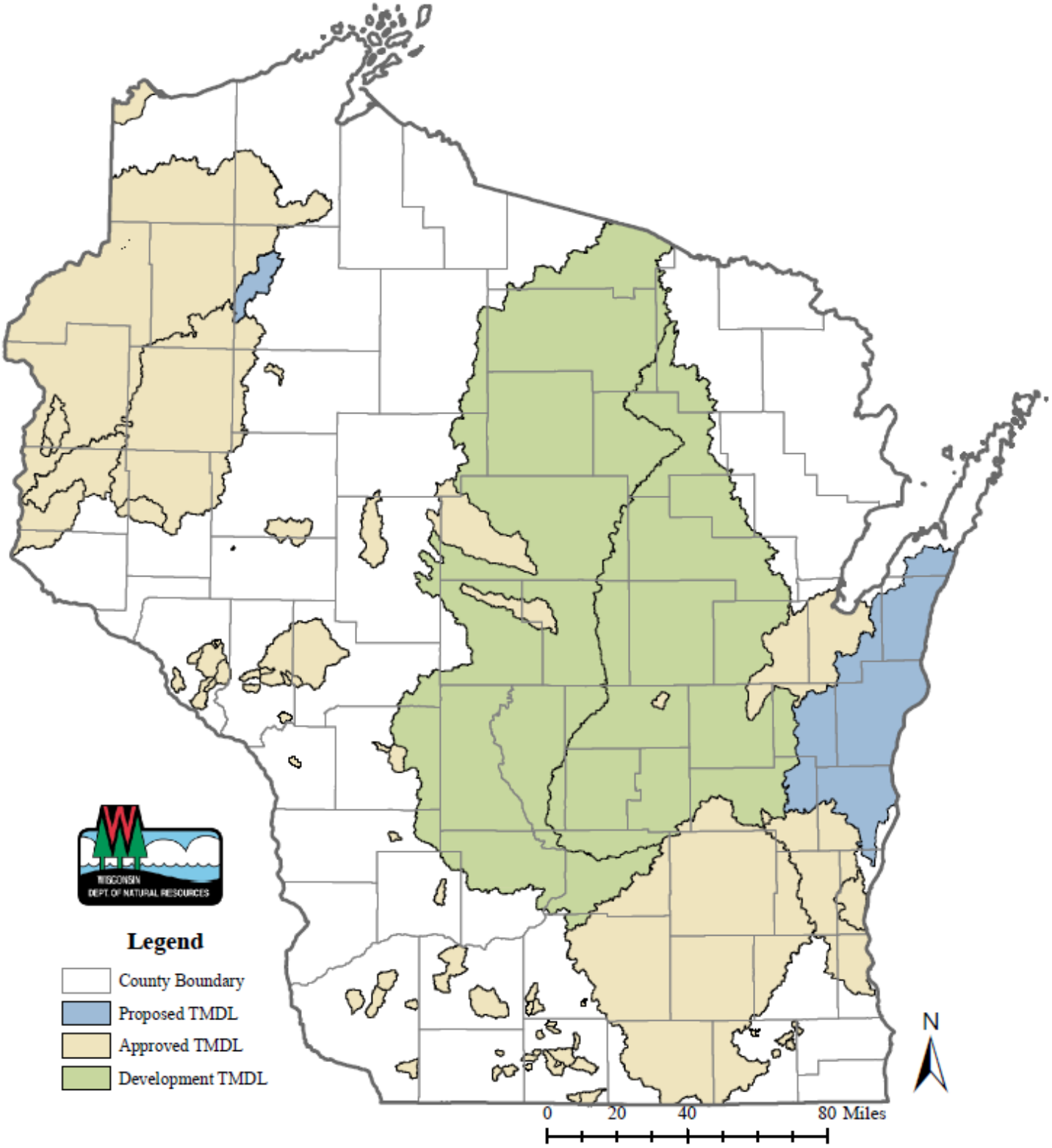


Figure 10. Map of TMDL Approved and TMDL Development areas in Wisconsin. For more information on these TMDL areas visit the online map: http://dnr.wi.gov/topic/tmdls/tmdlMap.asp.

Water Quality Standards

The purpose of water quality standards is to maintain and improve the quality of Wisconsin's waters, and to uphold the requirements of the CWA, by:

- Determining the types of activities the water should support, also commonly referred to as a waterbody's "Designated Uses".
- Developing water quality criteria to protect these designated uses from excess pollution.
- Establishing an antidegradation policy to maintain and protect existing uses and high quality waters.
- Identifying general policies to implement these protection levels in point source discharge permits and other program areas.

Water quality standards for surface waters are outlined in chs. NR 102, 104, and 105 of the Wisconsin Administrative Code. Water quality standards serve as the benchmark in determining the health of the waterbody, helping to identify a range of conditions from the highest quality waters (Outstanding and Exceptional Resources Waters) to the impaired waters of the State.

The department's website contains additional information on each of the topics above. Follow the links provided or visit the department's home page and search for the following key words.

- Water quality standards: http://dnr.wi.gov/topic/surfacewater/standards.html
- Designated uses: http://dnr.wi.gov/topic/SurfaceWater/usedesignations.html
- Water quality criteria: http://dnr.wi.gov/topic/SurfaceWater/WQC.html
- Antidegradation: http://dnr.wi.gov/topic/SurfaceWater/antidegradation.html
- Outstanding and Exceptional Resource Waters: http://dnr.wi.gov/topic/SurfaceWater/orwerw.html
- Waterbody assessments and impaired waters: http://dnr.wi.gov/topic/surfacewater/assessments.html

Triennial Water Quality Standards Review

Every three years, the WDNR reviews Wisconsin's surface water quality standards and selects specific standards or related guidance for development or revision. This comprehensive evaluation, called the Triennial Standards Review (TSR), is required by the federal CWA and is an essential process to keep Wisconsin's waters swimmable, fishable, drinkable, and suitable for use by industry, agriculture and the citizens of the State. This review helps focus WDNR efforts to integrate the latest science and technology, and federal requirements into how the State regulates surface water quality. In addition, this process assists the WDNR in its work planning process and in identifying needed actions for moving projects forward. For more information about the TSR process, including the 2015-2017 and 2018-2020 cycles, visit the TSR website:
http://dnr.wi.gov/topic/surfacewater/tsr.html.

Rules in progress:

- **Bacteria criteria for recreational uses:** The WDNR's bacteria criteria are being revised for consistency with EPA criteria. Wisconsin previously used a mix of fecal coliform and *E. coli*, but will now shift to using *E. coli* statewide. This will also provide more consistency between parts of the state within the Great Lakes and the rest of the state.

- **Designated Use revisions:** The aquatic life designated use structure is being revised to better reflect the variety of aquatic life communities and recognize differences in quality within each community type.
- **Biocriteria and phosphorus response indicators:** Biological metrics are the most direct measure of ecosystem health. Biocriteria are being established to set criteria for biological quality within different types of waterbodies. Similarly, biological metrics that respond to phosphorus (phosphorus response indicators) are being developed for use in conjunction with the state's phosphorus criteria, to indicate whether a waterbody is experiencing degradation due to phosphorus. The phosphorus criteria and phosphorus response indicators will be used in conjunction with one another to make impairment determinations.
- **Site-specific criteria for phosphorus:** The WDNR has existing authority to create site-specific criteria for phosphorus; this rule will establish a consistent process for doing so. Site-specific criteria may be developed in cases where the statewide phosphorus criterion is either over- or under-protective of an individual waterbody.

Coontail, a native aquatic plant.

- **Antidegradation:** Antidegradation is a principle applied to prevent degradation of water quality. The WDNR intends to revise the existing antidegradation section of the code, to establish a clearer antidegradation protocol consistent with EPA's regulations.

Runoff Management Programs

Nonpoint Source Program

Wisconsin has long been recognized as a leading state in the effort to control nonpoint source pollution. Since 1978, the state's NPS Program has made significant progress in addressing runoff-related water quality problems that, in many cases, had existed for decades. In 2017 alone, the WDNR and Wisconsin Department of Agriculture, Trade and Consumer Protection (WDATCP) allocated nearly $21 million in state and federal funds to counties for nonpoint source pollution abatement activities. Even with this work, runoff management is still one of the largest remaining challenges to improving and protecting the state's water quality. More information on the WDNR's Nonpoint Source Program can be found on the WDNR web site at: https://dnr.wi.gov/topic/nonpoint/.

Chapter 4 of the State's *Nonpoint Source Program Management Plan* (http://dnr.wi.gov/topic/Nonpoint/documents/NPSProgramManagementPlan20162020.pdf) describes the partnerships, programs and financial resources that work in coordination to decrease NPS pollution and describes how the state has institutionalized its program beyond the annual implementation of federal Section 319-funded activities and projects.

Runoff Management

Control of polluted runoff continues to be one of the most important challenges in the State's effort to protect Wisconsin's water resources. Urban and rural land use activities are the source of runoff pollutants entering Wisconsin's lakes, streams, wetlands, and groundwater. Common pollutants in runoff include the following:

- Sediment from construction sites, croplands, and other urban and rural sources;
- Nutrients and pesticides from both urban and rural sources;

- Oil, grease, heavy metals, and other toxic materials from impervious surfaces such as streets, highways, roof, and parking lots; and
- Farm animal wastes from barnyards and spread on agricultural fields and pet wastes from urban areas.

Potential sources of runoff

The effects of polluted runoff can be seen in degraded fish habitat, fish kills, nutrient-loaded waters causing heavy weed growth, degradation of drinking water supplies, siltation of harbors and streams, diminished recreational uses, and changes in the natural hydrology of wetlands, streams, rivers, and lakes.

To address these pollutant problems, water quality managers encourage landowners and municipalities to implement and install "Best Management Practices" (BMPs) in rural and urban areas. BMPs, such as grassed waterways, cover crops, nutrient management, manure storage facilities, or detention ponds, help to prevent movement of pollutants to surface water and groundwater.

The State's efforts to restore water resources affected by polluted runoff center around Wisconsin's Runoff Management Program. The program is embodied in nine administrative rules, promulgated in October 2002, to address urban and rural runoff pollution problems statewide; eight are administered by the WDNR, and one is administered by the WDATCP.

Three primary components of the WDNR's Runoff Management Program include implementation of runoff management grant programs, point source discharge permitting of stormwater and agricultural runoff sources, and implementation of state regulatory performance standards. The Runoff Management Program is a joint effort of the WDNR, the WDATCP, county Land Conservation Departments (LCDs), and municipalities, with assistance from a variety of federal, state, and local agencies, particularly the EPA, the USDA Natural Resources Conservation Service (NRCS), and the University of Wisconsin-Extension.

Runoff Management Grant Program

The WDNR's runoff management grant programs include the Targeted Runoff Management (TRM) Grant Program, the Notice of Discharge (NOD) Grant Program, and the Urban Nonpoint Source and Stormwater Management (UNPS) Grant Program. Each of the grant programs offers cost-sharing assistance to local units of government. Table 1 shows the amount and types of BMPs funded through these programs in 2015 and 2016, the most recent two years for which records are available. An additional synopsis of grant funding distributed by the WDNR for these programs can be found in the Land and Water Conservation Annual Report.

Table 1. Best Management Practices (BMPs) and planning activities funded through WDNR Runoff Management Grants.

	BMP Name	Amount Installed 2015	2016	Units
Agricultural BMPs	Access Roads and Cattle Crossings	1165	4727	Feet
	Animal Trails and Walkways	200	5,480	Feet
	Barnyard Runoff Control Systems	20	9	Number
	Critical Area Stabilization	1961	1	Acres
	Diversions	1070	301	Feet
	Feed Storage Leachate	1	3	Number
	Heavy Use Area Protection	4.1	1	Acres
	Livestock Fencing	4,771	12,962	Feet
	Livestock Watering Facilities	3	0	Number
	Manure Storage System Closure	3	2	Number
	Manure Storage Systems	35	16	Number
	Milking Center Waste Control Systems	4	2	Number
	Nutrient Management	5,644	1,285	Acres
	Residue Management	372	0	Acres
	Roof Runoff Systems	5	1	Number
	Roofs	11	3	Number
	Sediment Basins	2	1	Number
	Stream Crossing	309	6,544	Feet
	Streambank/Shoreline Rip-rapping	11,872	22,073	Feet
	Streambank/Shoreline Shaping & Seeding	608	0	Feet
	Streambank/Shoreline Protection (other)	0	12,108	Feet
	Subsurface Drains	600	60	Feet
	Underground Outlets	1,186	2,665	Feet
	Waste Transfer Systems	13	9	Number
	Waterway Systems	411	36	Acres
	Well Decommissioning	1	0	Number
	Wetland Development or Restoration	0	1.2	Acres
Urban BMPs & Planning	High Efficiency Street Sweeper	0	1	Number
	Urban Detention System	7	7	Number
	Urban Infiltration System	2	1	Number
	Other Urban Practice	8	2	Number
	Urban Practice Design	2	0	Number
	Urban Streambank Protection	3,800	1,200	Feet
	Urban Stormwater/Erosion Plan	15	15	Number
	Information & Education Activities	3	0	Number

Targeted Runoff Management Grant Program

The TRM Grant Program provides financial assistance to rural and urban governmental units to control polluted runoff. During calendar year 2015, the TRM Grant Program awarded $3,621,793 for 17 projects to local units of government. In 2016, $3,153,674 was awarded for 19 projects, and in 2017, $3,860,559 was awarded for 25 projects. Additional information about the TRM Grant Program is available on the WDNR web site at http://dnr.wi.gov/Aid/TargetedRunoff.html.

Notice of Discharge Grant Program

NOD Grants are provided by WDNR and WDATCP to local units of government to provide cost sharing to farmers required to install agricultural best management practices to comply with NOD requirements. NODs are issued by the WDNR under ch. NR 243 Wis. Adm. Code, to small and medium animal feeding operations that pose environmental threats to state water resources. Additional information about the NOD Grant Program is available on the WDNR web site at http://dnr.wi.gov/Aid/NOD.html.

Urban Nonpoint Source & Stormwater Management Grant Program

The UNPS Grant Program provides financial assistance to local governmental units to control polluted urban runoff. In 2015, $1,219,285 was awarded for 11 construction projects and $1,293,781 for 20 planning projects. In 2016, $776,163 was awarded for 8 construction projects and $1,384,525 was awarded for 34 planning projects, and in 2017, $797,571was awarded to 8 construction projects. Additional information about the UNPS Grant Program is available on the WDNR web site at http://dnr.wi.gov/Aid/UrbanNonpoint.html.

Agricultural Runoff

Approximately 14,000 active livestock operations exist in Wisconsin. Manure from livestock operations contains organic materials, nitrogen, phosphorus and other water pollutants. Through Wisconsin Pollution Discharge Elimination System (WPDES) permits issued under ch. 283, Wis. Stats., and ch. NR 243, Wis. Adm. Code, the WDNR has helped to avoid many water quality impacts from larger-scale livestock operations. In addition, the WDNR has used the Notice of Discharge (NOD) Program under ch. NR 243, Wis. Adm. Code, and the agricultural performance standards and prohibitions promulgated in ch. NR 151, Wis. Adm. Code, in October 2002, to address agricultural nonpoint source water quality impacts from many smaller-scale livestock operations in the State.

Cattle in barnyard.

WPDES Permits for Large Operations

Water quality concerns associated with livestock operations with 1,000 animal units or more (also referred to as Concentrated Animal Feeding Operations, or CAFOs) are addressed through the WPDES permit program. As of December 31, 2017, there were 298 CAFOs permitted under the WPDES program, and another 24 new permit applications pending. Information on the WDNR's CAFO WPDES permit program can be viewed on the DNR's CAFO WPDES webpage at:
http://dnr.wi.gov/topic/agbusiness/CAFO/.

Cattle feeding operation.

Notices of Discharge Address Problem Areas NODs may be issued to smaller-scale livestock operations if an on-site investigation reveals the presence of a discharge to waters of the State. Technical assistance to control the discharge is typically available through the county Land Conservation Departments (LCDs), and cost-share financial assistance can be obtained through local, state, and federal cost-share programs. A livestock operator who fails to implement necessary corrective measures within a specified timeframe is subject to a loss of cost-share funding and may be required to obtain a WPDES permit from the WDNR. Information on the DNR's NOD program is available at: https://dnr.wi.gov/topic/Nonpoint/noticesOfDischarge.html. Both WDNR and WDATCP provide grant funding to address NOD sites and jointly administer a grant application process that uses a combination of state and federal EPA funding. Additional information about the NOD Grant Program is available on the WDNR web site at: http://dnr.wi.gov/Aid/NOD.html.

Storm Water

Since the mid-1990s, WDNR has administered a program under ch. NR 216, Wis. Adm. Code, to address the issue of polluted storm water runoff. Typical sources for this type of pollution are municipal storm sewers that collect runoff from lawns, streets, and parking lots, and runoff from construction and industrial sites that discharge to surface waters or groundwater without treatment. Research on urban streams in Wisconsin has shown high concentrations of suspended solids, bacteria, heavy metals, oil, grease, and polyaromatic hydrocarbons as a result of storm water discharges from these sources.

WDNR has a permit program to regulate storm water discharges from municipal, industrial, and construction site sources. The municipal storm water program addresses storm water discharges from municipal separate storm sewer systems (MS4s), including large and medium MS4s (those serving a population over 100,000 people), MS4s in designated urbanized areas, and MS4s that serve a population of 10,000 people or more. The industrial storm water program regulates industrial facilities based upon the type of industrial activity undertaken. The construction site permit program regulates sites where one or more acres of land are disturbed for new construction or redevelopment.

Storm water drain receiving runoff.

Municipal Permits

As of December 31, 2017, there were 68 municipalities regulated under individual MS4 storm water permits in Wisconsin. Additionally, there were 176 MS4s covered under a general MS4 storm water permit. The general MS4 storm water permit contains six minimum control measures to reduce pollutants in urban storm water and requires an analysis and planning for certain permitted MS4s identified in a federally-approved Total Maximum Daily Load. The WDNR is also unique among states in that it requires permitted MS4s to meet a Total Suspended Solids reduction performance standard. Some municipalities have implemented storm water utilities to fund their local programs.

Industrial Permits

As of December 31, 2017, there were over 5,700 industrial facilities covered by a storm water discharge permit. Industrial permittees must develop storm water pollution prevention plans to identify sources of storm water contamination and pollution prevention measures. The Auto Dismantling and Scrap Recycling permittees are offered the option of joining a Cooperative Compliance Program, developed to establish industry-wide approaches to reducing or eliminating storm water contamination. These programs provide group training, foster information sharing and promote BMPs. The WDNR has also issued two non-metallic mining operations general permits, one for industrial sand mining to address the unique character of those types of operations, and the other general permit for more traditional types of aggregate (e.g., crushed stone, construction sand, gravel).

Construction Site Erosion Control

On average, the WDNR confers coverage to 1,500 to 1,600 construction sites annually. Owners of construction sites are required to develop and implement site-specific erosion control and storm water management plans to prevent pollutants from entering waters of the State, including meeting the sediment reduction requirements during construction and installing post-construction storm water management practices to meet the long-term storm water treatment performance standards.

Performance Standards

The WDNR has made a commitment to performance-based pollution control. In October 2001, ch. NR 151, Wis. Adm. Code was promulgated to provide minimum standards of performance to achieve water quality standards. The performance standards represent the most integrated requirements needed to address the major sources of polluted runoff in rural and urban areas in a cost-effective manner. Implementing the performance standards and prohibitions on a statewide basis is a high priority for the Runoff Management Program as compliance is required statewide.

More information on agricultural performance standards can be found on WDNR's webpage: https://dnr.wi.gov/topic/nonpoint/agperformancestandards.html and in 'Wisconsin Runoff Rules: What Farmers Need to Know".

The agricultural and non-agricultural performance standards and manure management prohibitions in ch. NR 151, Wis. Adm. Code can be found at: http://docs.legis.wisconsin.gov/code/admin_code/nr/100/151.pdf.

Wastewater Management

The Wastewater Program within the Wisconsin DNR's Bureau of Water Quality regulates municipal and industrial operations discharging to surface water or groundwater through the Wisconsin Pollutant Discharge Elimination System (WPDES) permit program. WPDES permits are the legal and enforceable means of regulating discharges to waters of the State through discharge limitations and requirements that are intended to protect their designated uses (fish & aquatic life, recreation, public health & welfare, and wildlife). As of January 1, 2018, the Wastewater Program administers 958 individual permits (site specific) and 24 general permits (applicable to categories of discharges) which covers 2,397 permittees.

The many core tasks of the Wastewater Program support three critical functions which include:

- Permit Issuance,
- Compliance Assurance and Enforcement, and
- Policy Development.

Permit Issuance

In this biennium, a key priority for the Wastewater Program is the timely issuance of WPDES Permits. The Wastewater Program's goal is to achieve and maintain an industrial and municipal permit backlog of less than 10%. When a WPDES permit is not reissued before the current permit's expiration date, the permit is considered backlogged. Permittees may continue to discharge under their expired permit, provided a permit reissuance application is submitted to the Department at least 180 days prior to the expiration of the permit. While backlogged permits have no immediate negative impacts, delaying reissuance prevents implementation of new water quality criteria adopted to address use impairments.

Permits can be backlogged for a variety of reasons. As permits become more complex with new regulations, compliance alternatives, and TMDLs, the work and time associated with each reissuance increases. The Wastewater Program views its permit backlog as a measure of program efficiency. If permits are issued on schedule without legal challenges, the Wastewater Program and its core functions are integrated successfully. The Wastewater Program was audited by Wisconsin's Legislative Audit Bureau in late spring 2016. Since the release of the audit report, the Wastewater Program has been aggressively working to address recommendations from the audit report.

The Wastewater Program launched a Wastewater Permit Process Improvements Study Group to collaborate with external stakeholders in identifying ways to bring process improvements to the WPDES wastewater permit program. The study group held two meetings in 2017 and will continue to meet on a quarterly or semi-annual basis. The Wastewater Program also hired a limited term Permits Coordinator to coordinate the process steps for reissuance of a WPDES permit. This staff member attempts to synchronize each step in the WPDES permit process, to align schedules, and resolve delays in the process. At its peak in January 2012, the permit backlog was as high at 34%. Today the backlog is at 16% and continues to trend lower in pursuit of the 10% goal.

Compliance Assurance and Enforcement

The primary mechanism for ensuring compliance with statutes, administrative codes, and WPDES permit conditions is self-reporting by the facility. The permit system is structured to require the transmittal of critical compliance information to the Department. This self-reporting system of compliance monitoring works best when this information receives timely review by Wastewater Program staff and a response at the early stages of problem development. In addition to this system of self-reporting and Department review, Department staff are required to implement a system of regular, scheduled compliance enforcement inspections in accordance with Compliance Monitoring Strategy and Inspection Strategy. These inspections and other site visits are intended to supplement and provide oversight of the self-monitoring program.

Inspections are an on-site examination of a permittee's wastewater treatment system and discharges. An inspection requires face to face discussion with appropriate facility staff and completion of the inspection checklist. The checklist, implemented in 2012, guides staff through the process and provides better statewide consistency and documentation for inspections. In October 2017, the Wastewater Program formed a work group to update the checklist. Post-inspection summaries are provided to the facility and inspection documentation is stored in Wastewater Program databases. During federal fiscal year 2017, the program completed 85 inspections of major

permittees and 246 inspections of minor permittees. These exceeded the state's commitments to EPA in its Compliance Monitoring Strategy agreement, which called for 65 major inspections and 127 minor inspections.

The Wastewater Program uses an enforcement management strategy to collect, evaluate, and translate compliance information into timely and appropriate enforcement actions. An enforcement action is intended to resolve non-compliance with permit requirements and ensure protection of water quality in Wisconsin. Wastewater Program staff initiate enforcement actions through a stepped enforcement process. The Water Quality Environmental Enforcement Handbook, updated September 2016, guides Wastewater Program staff in determining appropriate enforcement actions in response to non-compliance by discussing various factors related to the significance and severity of the violation. Formal enforcement steps include Notice of Noncompliance (NON), Notice of Violation (NOV), and referral to the Wisconsin Department of Justice (DOJ referral).

Policy

Policy is developed based on the administrative codes and state statutes that provide the legal authority to issue WPDES permits and allow the Department to manage pollution sources. The Wastewater Program is committed to legally defensible and consistent policy across the state. A description of policy developed during the last biennium is included below.

CMOM : The Capacity, Management, Operation, and Maintenance (CMOM) program launched August 1, 2016 requires all owners of collection systems to develop and implement a plan that ensures their sewage system has adequate capacity to convey peak flows, reduces infiltration and inflow (I&I) into the system, and prevents the occurrence of sanitary sewer overflows (SSO)/building backups. The CMOM must be reviewed and updated annually, typically after completion of the Compliance Maintenance Annual Report (CMAR).

CMAR: The Compliance Maintenance Annual Report (CMAR) is a web-based program that generates a "report card" for Wisconsin's municipal wastewater treatments plants and sanitary sewer systems. Since its inception in 1987, the CMAR has been successful in achieving its purpose of bringing awareness and understanding to governing officials about wastewater capital and management needs along with encouraging, and where necessary, requiring owners of wastewater treatment works to take actions to avoid water quality degradation and prevent violations of WPDES permit limits and conditions. During the last biennium, the CMAR program was updated to include sections relating to energy uses and resiliency.

316(b) (Cooling Water Intake Structures): The Wastewater Program is in the process of adopting the federal standards for cooling water intake structures, regulated by 40 CFR 122.21(r) and 40 CFR 125 Subparts I and J. The Wastewater Program public noticed guidance for state implementation of the federal regulations, but it has not yet been finalized. The adopted regulations will help reduce environmental impacts such as:

- Entrainment mortality - early life stage fish and shellfish passing through the cooling water system, where the organisms can be harmed by heat, pressure, mechanical stress, and chemicals used in the system.
- Impingent mortality – trapping of larger organisms against screens at the entrance to an intake structure.

Phosphorus Multi Discharger Variance (MDV): EPA approved Wisconsin's phosphorus MDV February 6, 2017. The MDV allows for facilities that are facing expensive treatment plant upgrade costs to extend the timeline for complying with low-level phosphorus limits. In exchange, point sources commit to step-wise

reductions of phosphorus within their effluent and to help address nonpoint sources of phosphorus from farm fields, urban, or natural areas by supporting projects designed to improve water quality. As of February 14, 2018, 40 permittees applied for the MDV, 28 were approved, 3 were withdrawn, 8 are currently being reviewed, and 1 was denied. Based on current numbers, it's projected that the MDV will generate $1,075,000 in funds for addressing nonpoint sources of phosphorus.

Adaptive Management and Water Quality Trading for Phosphorus: In order to implement the numeric nutrient criteria, WPDES permits incorporated water quality based phosphorus and compliance schedules to achieve those limits. These compliance schedules provided time for facilities to decide which final compliance alternative they will implement for meeting phosphorus limits. During the last biennium, the Wastewater Program guided permittees through the alternatives process and worked through questions as the first projects and trades were implemented. As of February 14, 2018, five adaptive management plans are approved and two preliminary submittals. Six water quality trading plans are approved with nine preliminary submittals, and eight permittees investigating.

TMDL Implementation: Once a Total Maximum Daily Load (TMDL) is developed and approved, it is implemented in WPDES permits. Point sources are given a waste load allocation, which replaces the previous water quality based effluent limit. The Wastewater Program could potentially incur a substantial workload to implement the TMDLs pending final development and EPA approval. The Wastewater Program is actively planning ways to manage the work load associated with the implementation of the Milwaukee River TMDL (under final review at EPA), Wisconsin River TMDL (draft allocations were publicly released in February 2018), and Upper Fox/Wolf River TMDL (modeling underway).

EPA 75 Issues/Legal Authority Review Response: In 2011, EPA identified 75 areas in which Wisconsin State Administrative Code was potentially inconsistent with federal requirements. The state has been working to address these areas through rule packages, attorney general statements, and other appropriate means. In the last biennium, the state promulgated two rule packages (WT-31-10 and WT-11-12) and forwarded a third to the legislature for promulgation (WT-12-12). As of January 31, 2018, EPA has concurred that 41 of these issues have been resolved, and 15 have been addressed by the state and are under EPA review. The state has initiated actions to resolve the remaining issues, several of which will be addressed by the state's Runoff Management Program.

One of the biggest hurdles for the Wastewater Program is dealing with staff retirements and the associated loss of institutional knowledge. Many of the staff retiring in the Wastewater Program began their careers during or shortly after the passage of the Clean Water Act and the evolution of many wastewater policies at both the state and federal level. To address this, the Wastewater Program continues to fill vacancies and implement its new training plan for new staff. The Wastewater Program is optimistic about its new generation of staff and their ability to fulfill the legal requirements of the Clean Water Act and NPDES Program.

Waterway Shorelands

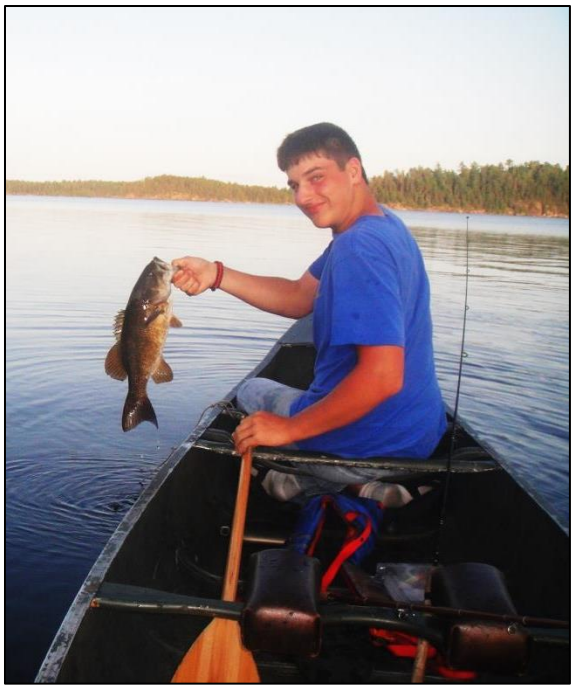
The legislature has established four programs to protect our shoreland areas. The WDNR is legislatively mandated to oversee three of these programs, shoreland zoning, shoreland-wetland zoning, and St. Croix Scenic Riverway zoning. For more information on these programs please visit the DNR's Shoreland Zoning webpage.

Waterways & Wetlands

Waterway Regulations and Protection

Water regulation programs are in place to protect public rights and interest in our waterways (recreation, water quality, navigation, natural scenic beauty, aquatic habitat), and to allow projects that will not cause harm to these public rights. Water regulation means the protection of citizen water rights. Consider the ways in which water regulations work for the citizens of Wisconsin:

- Fishing or boating: Maintaining water levels and flows, protecting habitat, and keeping streams free of obstructions help provide top quality water recreation.
- Farming: Water regulations help make water supply and drainage capacity more reliable while protecting the water rights of others.
- Waterfront property ownership: Regulating erosion control projects and dam or pier construction are a few of the programs which help people avoid dangers and unnecessary costs to themselves or other water users.



Proud display of catch. Photo by Robert Rosenberger of his son Frederick.

Today, the state helps protect individual water rights as well as public safety by ensuring adequate planning and design of projects that may affect public waters. This is done through permit and plan approval requirements for individual projects. Wisconsin Statutes, Chapter 30, "Navigable Waters, Harbors and Navigation" and Chapter 31, "Regulation of Dams and Bridges in Navigable Waters" establish the permit programs.

Sharing Responsibility for Water Protection

The WDNR has Water Management Specialists in offices around the state, whose job is to help people understand their water rights, and to administer and enforce the laws which protect them. The Bureau of Watershed Management in Madison provides policy development and technical support for the field staff.

The U.S. Army Corps of Engineers (USACE) may require permits for dams, dikes, and other structures in federal navigable waters and for the discharge of dredged or fill material into waters and wetlands. The U.S. Coast Guard regulates the construction of bridges and causeways over federal navigable waters.

Local governments use floodplain and shoreland zoning to control development along lake shores and streams. Local zoning officials administer permit programs for buildings, land disturbance and other activities in shoreland and floodplain areas.

Permits or Approvals for Shoreland Alterations

Many activities affecting navigable waters require permits or approvals from WDNR. Most of the physical alterations to navigable waters which require permits are listed in Table 2. Information and permit application materials are available online.

Table 2. Types of waterway alterations that require permits.

Construction	*Recreation*	*Shoreline & Habitat*	*Water Levels & Crossings*
• Dredging • Dry Hydrants • Cranberry Projects • Grading • Intake/Outfall Structures • Miscellaneous Structures • Nonmetallic Mining • Pilings • Ponds	• Beach Maintenance • Boathouse Repair • Boat Ramp (landings) • Boat Shelter • Buoys • Pea Gravel Blanket • Piers, Docks, Wharves • Swimming Rafts • Water Ski Platforms	• Aquatic Plant Control • Beaver Damage • Cranberry Projects • Fish or Wildlife Habitat • Lake Shore Erosion Control • Streambank Erosion Control • Stream Realignment • Wetlands	• Bridges • Culverts • Dams • Fords • Diversions & Irrigation • Lake Levels • Temporary In-Stream Crossing • Utility Waterway Crossing

Wetland regulatory programs

Anyone planning a project that proposes wetland impacts that are not specifically exempt from state regulation will need a permit from the WDNR approving the proposed wetland impact before proceeding with the project. The WDNR has both general permits and individual permits available. More information can be found at http://dnr.wi.gov/topic/Waterways/construction/wetlands.html.

General permits

General permits are available for wetland restoration activities and wetland discharges typically up to 10,000 square feet for activities such as residential, industrial, commercial, municipal and recreational development. General Permits are granted for projects that meet all of the design, construction, and location specifications set by the statewide general permit. To qualify for a general permit, all required application items need to be submitted elements. WDNR reviews general permit applications within 30 days and notifies an applicant if any required items are missing. Once all required items have been submitted, WDNR checks to see that the plans and location match the general permit specifications, and if so, grants the permit in 30 days. In special circumstances where the review shows that the general permit conditions are not sufficient to ensure the wetland discharge will cause only minimal adverse environmental effects, WDNR may inform an applicant that an individual permit is needed to allow detailed review.

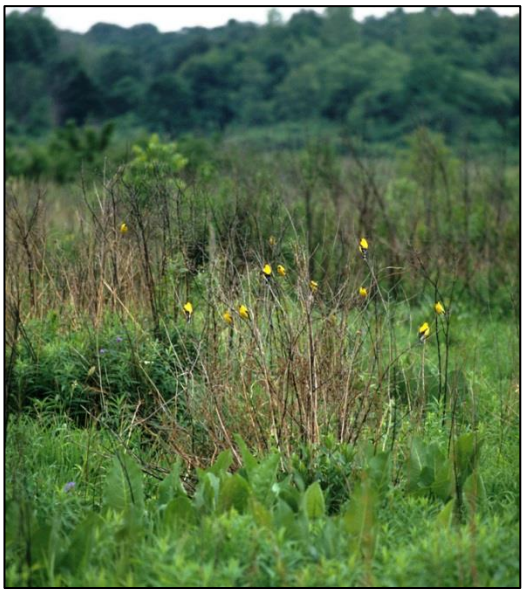
Individual permits

For wetland disturbance activities where no exemption or general permit is available, an individual permit is required. Because these projects are not pre–approved designs, a more detailed application is required. As part of the individual permit process, applicants are **required** to have a pre–application meeting with the WDNR to discuss the purpose and scope of the proposed project and the preliminary scope of alternatives the applicant must consider that will avoid and minimize wetland impacts. Compensatory wetland mitigation is **required** for all individual permits. Individual permits require a 30–day comment period of which people are notified by the WDNR

website, a newspaper notice, and mailing to interested parties. During the comment period an informational hearing may be requested. WDNR staff conducts the informational hearing to gather observations and facts from others to consider in addition to its own data in making a decision. A permit is granted for projects when the WDNR concludes from this process that no significant adverse impacts to wetlands will occur. WDNR staff routinely advise applicants on project modifications to reduce impacts and gain approval. Permit decisions are subject to appeal for review by an administrative law judge within 30–days of the decision.

Wetland rules

- Section 281.36. Wis. Stats. establishes the state authority for granting wetland permits.
- NR 103 establishes the water quality standards for wetlands.
- NR 299 explains the procedures for certifying projects that impact wetlands.
- NR 300 describes the time limits and fees for waterway and wetland permits.
- NR 353 establishes a streamlined process to review regulated activities associated with the restoration of former wetlands, the enhancement of degraded wetlands, and the maintenance or management of existing wetlands.



Goldfinches.

Wetland Functional Values

Wetlands benefit people and the natural world in many ways. They provide critical habitat for wildlife, water storage to prevent flooding and protect water quality, and recreational opportunities for wildlife watchers, anglers, hunters, and boaters. These are known as "wetland functional values" and are the descriptive wetland water quality standards found in NR 103, Wisconsin Administrative Code. Different wetlands perform different functions. Wetland functional values are determined by a variety of different parameters including physical, chemical and biological components.

Floral diversity

Wetlands can support an abundance and variety of plants, ranging from duckweed and orchids to black ash. These plants contribute to the earth's biodiversity and provide food and shelter for many animal species at critical times during their life cycles. Many of the rare and endangered plant species in Wisconsin are found in wetlands. The importance of floral diversity in a particular wetland is usually related to two factors. First, the more valuable wetlands usually support a greater variety of native plants (high diversity), than sites with little variety or large numbers of non–native species. Second, wetlands communities that are regionally scarce are considered particularly valuable.

Northern Leopardfrog.

Fish and wildlife habitat

Many animals spend their whole lives in wetlands; for others, wetlands are critical habitat for feeding, breeding, resting, nesting, escape cover, or travel corridors. Wisconsin wetlands are spawning grounds for northern pike, nurseries for fish and ducklings, critical habitat for shorebirds and songbirds, and lifelong habitat for some frogs and turtles. Wetlands also provide essential habitat for

smaller aquatic organisms in the food web, including crustaceans, mollusks, insects, and plankton.

Some of the most valuable wetlands for fish and wildlife provide diverse plant cover and open water within large, undeveloped tracts of land. This function may be considered particularly important if the habitat is regionally scarce, such as the last remaining wetland in an urban setting.

Flood protection

Due to dense vegetation and location within the landscape, wetlands are important for retaining stormwater from rain and melting snow rushing toward rivers and lakes. Wetlands slow stormwater runoff and can provide storage areas for floods, thus minimizing harm to downstream areas.

Preservation of wetlands can prevent needless expenses for flood and stormwater control projects such as dikes, levees, concrete–lined channels, and detention basins.

Wetlands located in the mid or lower reaches of a watershed contribute most substantially to flood control since they lie in the path of more water than their upstream counterparts. When several wetland basins perform this function within a watershed, the effect may be a staggered, moderated discharge, reducing flood peaks.

Road damage in Bayfield County after July 2016 flood event. Photo courtesy of Bayfield County.

Flood protection may be especially important in cities, where pavement contributes to runoff, and in areas with steep slopes or other land features which tend to increase stormwater amounts and velocity. These functional values can provide economic benefits to downstream property owners and taxpayers.

Water quality protection

Wetland plants and soils have the capacity to store and filter pollutants ranging from pesticides to animal wastes. Calm wetland waters, with their flat surface and flow characteristics, allow particles of toxins and nutrients to settle out of the water column. Plants take up certain nutrients from the water. Other substances can be stored or transformed to a less toxic state within wetlands. As a result, our lakes, rivers, and streams are cleaner and our drinking water is safer.

Larger wetlands and those which contain dense vegetation are most effective in protecting water quality. If surrounding land uses contribute to soil runoff or introduce manure or other pollutants into a watershed, the value of this function may be especially high.

Wetlands that filter or store sediments or nutrients for extended periods may undergo fundamental changes. Sediments will eventually fill in wetlands and nutrients will eventually modify the vegetation. Such changes may result in the loss of this function over time.

Shoreline protection

Shoreland wetlands act as buffers between land and water. They protect against erosion by absorbing the force of waves and currents and by anchoring sediments. Roots of wetland plants bind lakeshores and streambanks, providing further protection. Benefits include the protection of habitat and structures, as well as land which might otherwise be lost to erosion. This function is especially important in waterways where boat traffic, water current and/or wind cause substantial water movement that would otherwise damage the shore.

Trout streams and other high quality waterways often depend on shoreland wetlands to protect their characteristic clear, cold waters. Without this wetland buffer, the shoreline becomes undercut and collapses. When this happens, streams often become wider, shallower and turbid. Water temperatures rise and habitat quality deteriorates.

A wetland that reduces erosion can also reduce sedimentation to nearby waterways. If the waterway is a navigational channel the reduction in sedimentation can help reduce the frequency of dredging to maintain the channel.

Groundwater recharge and discharge

Groundwater recharge is the process by which water moves into the groundwater system. Although recharge usually occurs at higher elevations, some wetlands can provide a valuable service of replenishing groundwater supplies. The filtering capacity of wetland plants and substrates may also help protect groundwater quality.

Groundwater discharge is the process by which groundwater is discharged to the surface. Groundwater discharge is a more common wetland function and can be important for stabilizing stream flows, especially during dry months. Groundwater discharge through wetlands can enhance the aquatic life communities in downstream areas. It also can contribute toward high quality water in lakes, rivers, and streams. In some cases, groundwater discharge sites are obvious, through visible springs or by the presence of certain plant species.

Aesthetics, recreation, education and science

Do you like to canoe or cross–country ski? Watch birds or listen to bullfrogs? Wetlands are some of our favorite places to study, hike, or just drive by. They provide peaceful open spaces in landscapes that are under development pressure and have rich potential for hunters and anglers, scientists and students.

Wetlands provide exceptional educational and scientific research opportunities because of their unique combination of terrestrial and aquatic life and physical and chemical processes. Many species of endangered and threatened plants and animals are found in wetlands.

Wetlands located within or near urban settings and those frequently visited by the public are especially valuable for the social and educational opportunities they offer. Open water, diverse vegetation, and lack of pollution also contribute to the value of specific wetlands for recreational and educational purposes and general quality of life.

Hands on learning.

B3. Cost/Benefit Analysis

The CWA requires states to report to Congress on the social costs and benefits of actions necessary to achieve the objectives of the CWA. WDNR believes that while cost benefit assessments can inform the decision making process, this type of analysis should not override the goals of environmental or ecosystem health as a single dominant decision point.

The complex and multi-jurisdictional nature of environmental protection and water quality regulation and restoration precludes a precise analysis of fiscal outlays in the context of this biannual report. In addition, rapid change in our understanding of the complexity of environmental systems, as well as evolving knowledge of precise endpoints for environmental damage exerted by a single contaminant, further complicate our ability to assess potential benefits of specific actions or regulations. Thus, this section of the report assessment is limited to a brief discussion of some of the major financial outlays related to water quality, including the Environmental Improvement Fund (with special emphasis on the Clean Water Fund Program and the Safe Drinking Water Loan Program), the State's Stewardship Program (Land Acquisitions and Easements) and the State's Runoff Management Program.

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, 2017, the CWFP entered into 954 financial assistance agreements with Wisconsin municipalities totaling $4.5 billion—$4.2 billion in loans and $262.5 million in grants and principal forgiveness. In

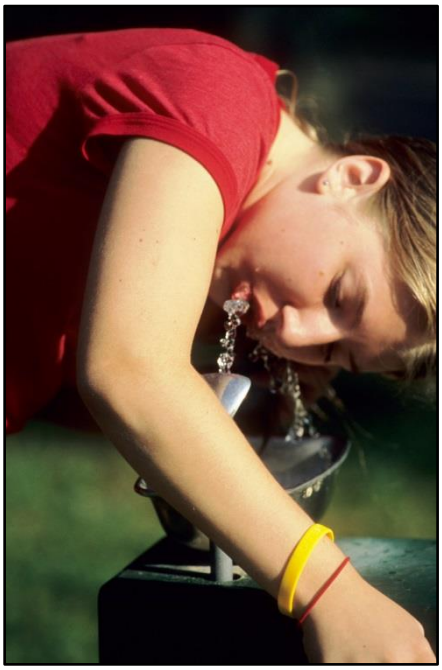
addition, the CWFP has executed 88 agreements with municipalities to subsidize interest payments on wastewater treatment project loans made to the municipalities by a state program other than the CWFP. The amount of financial assistance provided for individual CWFP projects ranges from $18,851 to over $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 also provided principal forgiveness to some municipalities to meet federal requirements regarding additional subsidization.

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 the financial hardship assistance program.

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.



Public drinking fountain.

From the beginning of the program in 1998 through June 30, 2017, the SDWLP entered into 355 financial assistance agreements with Wisconsin municipalities totaling $647.7 million—$563.5 million in loans and $84.2 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.

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.

Land Acquisitions and Easements

The Warren Knowles-Gaylord Nelson Stewardship Program provides funding for a variety of fee simple and easement acquisition programs that protect natural resources and increase public recreational opportunities. Land acquisition is the tool for effective conservation of green space for recreation and provides opportunities for the protection of species and habitats. In Wisconsin, land acquisition leads to creation and expansion of wildlife management areas, fishery areas, natural areas, state parks, state forests, and habitat restoration areas. Where possible, the WDNR looks for opportunities to stretch state Stewardship Program funds using federal programs such as the Land and Water Conservation fund (LAWCON), United States Fish and Wildlife Service (USFWS) grants, and USDA Natural Resources Conservation Services (NRCS) Farm Land Protection Grants. Additionally, the WDNR accepts gifts of land from landowners and various non-governmental organizations.

Willow Flowage Scenic Waters Area. Photo by Mike Schueller.

Annually funding for the Knowles Nelson Stewardship Program is $54.5 million dollars in fiscal year 2015-16 and not more than $50 million dollars in each year from 2016-17 through 2019-20 (actual bonding allotment-Legislative Fiscal Bureau Informational Paper 62). The funding can be used for both land acquisition and property development. Examples of projects funded by the Stewardship program in the past several years include acquisition of the Willow Flowage Scenic Waters area, the Rainbow Flowage, the Peshtigo River State Forest, Capital Springs State Park, the Lower Chippewa River State Natural Area, Brule-St. Croix Legacy Forest, Paradise Valley Wildlife Area, and most recently 1,000 + acres purchased in fee from Northern States Power Company (Excel Energy). In addition, substantial expansions to several water-based properties have occurred, including the Turtle Flambeau Scenic Waters Area and the Lower Wisconsin State Riverway. Additionally, WDNR looks for opportunities to partner with other organizations or to cost-share project costs with federal dollars available for acquisition of lands protecting wildlife, fishery, or water quality.

Runoff Management Programs

Implementation and enforcement of the runoff management Performance Standards contained in ch. NR 151, Wis. Adm. Code, require a significant expenditure to realize significant reductions in polluted runoff. WDNR's Runoff Management Program has numerous grant opportunities for communities to implement runoff management practices. Information regarding costs and benefits of these programs is provided in the Runoff Management Section in this report.

B4. Special State Concerns & Recommendations

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 the need for action 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.

Boardwalks protect fragile sand dunes while also providing access to Lake Michigan at Kohler Andre State Park. Photo by Jeffrey Ewig.

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 nearly $3 million in grant funds since 2016 which is being used to protect or restore over 10,000 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. DNR's Lake Superior Binational Program Coordinator contributed to the development of the 2016 Lake Superior LAMP (PDF, 5.01 MB), the first to be completed under the Great Lakes Water Quality Agreement.

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.

Lake Michigan Management

The Lake Michigan LAMP is currently being developed and will be released in 2019. 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. In the Areas of Concern program, problems arising from toxic pollution are described as "beneficial use impairments" or BUIs.

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

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. The DNR's Office of the Great Waters provides leadership for cleaning up these areas by:

- providing a long–term vision and plan for the Great Lakes in Wisconsin;
- ensuring that everyone who lives in and visits Wisconsin can use and enjoy our Great Lakes waters;
- developing a common understanding of the steps, decisions and roles in the AOC Program;
- bringing citizens, nonprofit organizations, municipal leaders and agencies together to restore the Great Lakes; and
- sharing the good news about the work that is being accomplished.

DNR has developed Remedial Action Plans for each of the five Wisconsin AOCs, and they are all updated annually. These plans describe the beneficial use impairments, the end goals for each impairment, the projects needed to achieve those goals, as well as current and future activities. Opportunities are provided for AOC stakeholders and partners to review drafts of the Remedial Action Plans and to provide feedback in the yearly update process.

The OGW maintains webpages for each of the five AOCs containing: background about each AOC, details on the status of beneficial use impairments, annual remedial action plans, community engagement, projects, maps, and resources. For detailed information about these AOCs, visit their webpages:

Lower Green Bay and Fox River
Lower Menominee River
Milwaukee Estuary
St. Louis River
Sheboygan River

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

- Two Beneficial Use Impairments were removed for the Lower Menominee River Area of Concern in 2017: *Restrictions on Dredging Activities* and *Degradation of Benthos*. These were the second and third (out of six) BUIs to be removed in this AOC. The remaining three BUIs are anticipated to be removed by mid-2018. The Lower Menominee River AOC is on track to become Wisconsin's first delisted AOC.
- All sediment remediation and habitat restoration projects necessary to address AOC impairments were completed in the Lower Menominee River AOC in 2016, including the Menekaunee Harbor and South Channel of the Menominee River habitat projects.
- Dredging in the Lower Green Bay and Fox River AOC is continuing through 2019. For the 2015-2017 biennium, just over 1 million cubic yards of PCB contaminated sediment was removed from the Lower Fox River, and 62 acres of contaminated river bottom were capped.
- Dredging continued at the Cedar Creek Superfund Alternative site by contractors for Mercury Marine throughout 2017 to address PCB contamination in the Milwaukee Estuary AOC. Remediation of sediments from the Wire and Nail Pond and Columbia Pond were completed. Including the work in late 2016 in Ruck Pond Raceway, approximately 73,000 cubic yards of contaminated sediment was mechanically removed and disposed of in landfills. Additionally, approximately 6,000 cubic yards of contaminated soil from adjacent floodplains was removed.
- The Lincoln Park and Milwaukee River dredging project was completed in the Milwaukee Estuary AOC in 2015. In Phase 2, approximately 35,000 cubic yards of PCB contaminated sediment was removed.
- For the St. Louis River AOC, the Howards Bay Feasibility study and 95% remedial design was completed in 2016 in partnership with EPA, USACE, City of Superior and Fraser Shipyards. The Pickle Pond Feasibility study and concept plan was completed for remediation of contaminated sediment and habitat restoration in 2016 as well.
- Two BUI removals for the Sheboygan River AOC were completed in 2015: *Restrictions on Dredging Activities* and *Eutrophication or Undesirable Algae*.

Pictured above is the hydraulic dredge that is used to remove sediment from the Fox River. The cutter head spins at the end of the arm, which pulls sediment into large pipelines that then transport the sediment to a facility offsite for processing and treatment. Photo by: Cheryl Bougie, DNR.

Menekaunee Harbor restoration in bloom. Contaminated sediment was removed from this harbor and habitat was restored as part of the Lower Menominee River Area of Concern. Photo by: Cheryl Bougie, DNR.

Arial view (left) of the support facilities in Cedarburg for the Cedar Creek Polychlorinated Biphenyls cleanup project in the Milwaukee Estuary Area of Concern. At right is a closer view of the geo-tubes and wastewater treatment plant at the site. This project, being conducted through the EPA Superfund Alternatives Program, is addressing the single largest known remaining deposit of PCBs in the Milwaukee Estuary Area of Concern. More information about the clean-up progress is available here. Photos: Brennan and Mercury Marine.

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.

The Wisconsin Beach Health web site lists up to date beach advisory and water quality data for monitored beaches and includes an interactive map. This web site shows beach advisories for Great Lakes Beaches as well as inland beaches. Funding from the US EPA under the federal BEACH Act supports beach water quality monitoring and issuing public health advisories. For more details on monitoring and program updates see these web pages: http://dnr.wi.gov/topic/Beaches/monitoring.html

Highlights of recent Beach Program activities:

- Developed a mobile application for collecting sanitary survey data through a student project led by Michigan Technological University.
- Initiated phase two of mobile application development, securing funding to automate data transfer into the Beach Health database and website.

Children enjoying Lake Michigan at Bradford Beach in Milwaukee. Photo by Marc Ponto.

- Worked with DNR Parks staff at Point Beach State Park to control storm water to improve water quality while also preserving the aesthetics of a historic building. This partnership continues as OGW staff is assisting to design interpretive signs about water quality issues for the park.
- Continued partnership with Kohler-Andrae State Park staff to evaluate performance on erosion control projects and coordinate beach program activities with park operations.
- Deployed new beach advisory signs to coastal beaches and coordinated with DNR Parks staff to assure inland state parks received similar signage.
- Automated the advisory postings for inland state parks and with special program notifications for beach closures.
- 2016 Annual beach report is under development with anticipated release by March 2018. The 2017 beach season data including locational information is currently under review.
- Collaborated with the University of Wisconsin School of Freshwater Science to use DNR techniques to identify sources of bacterial contaminants and inform options for selected beach restorations.
- Collaborated with Wisconsin Coastal Management Program on the Dangerous Currents Project, which provides public information and rescue equipment.

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.

Biologists collect aquatic plants and insects to assess the health of Little Pokegama Bay in the St. Louis River Estuary. Photo: Sue O'Halloran.

Highlights of Great Lakes Monitoring accomplishments for this reporting period:

- Monitored eight coastal wetlands in partnership with Northland College in 2016 and 2017, to complete the Lake Superior Coastal Wetland Nutrient Limitation Study to determine if a nutrient limitation exists in these areas.
- Selected ten coastal wetlands in 2017 for the Lake Superior aquatic invasive species early detection and rapid response monitoring project.
- 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.
- Monitored the Hog Island Inlet and Newton Creek systems in 2016 to determine if the identified 303(d) impairments have improved following the contaminated sediment remediation. A detailed assessment report was prepared in 2017 summarizing sediment and water quality findings.
- Monitored Allouez, Pokegama and Kimball Bays in 2017 to assess their condition.
- Coordinated and conducted aquatic invasive species early detection monitoring following statewide protocols on ~30 lakes throughout the Lake Michigan basin.

- Conducted response monitoring for the prohibited starry stonewort invasive plant species in a number of Lake Michigan and Green Bay harbors and bays.
- Conducted response monitoring for the invasive round goby in and around the Lake Winnebago system.
- 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, collecting data on plankton and benthic communities, and conducting fish tumor monitoring.
- Completed Legacy Act sediment characterization sampling in the Menomonee River from the Little Menomonee to the confluence with the Milwaukee River.
- Conducted Legacy Act sediment characterization in the Milwaukee River from the Estabrook Dam to its confluence with the Menomonee River, with results in 2017.

Researchers sampling for bottom-dwelling organisms in the sediments of the Fox River. Photo: DNR.

Research team on the R/V Neeskay, research vessel of the University of Wisconsin- Milwaukee School of Freshwater Sciences, pulling in a plankton net from Lake Michigan. Researchers are investigating changes in Lake Michigan's zooplankton and phytoplankton communities as well as changing nutrient dynamics due to the introduction of invasive species such as zebra and quagga mussels and round gobies. Ongoing monitoring provides critical data to detect changes in aquatic ecosystems and helps determine best management practices for the Great Lakes. Photo by Christopher Suchocki.

Collaboration on Great Lakes Policies and Priorities

DNR provides leadership for addressing important Great Lakes issues. Wisconsin and its partners integrate and implement priorities of the LAMP, Great Lakes Regional Collaboration, internal program priorities, and the priorities of internal and external Wisconsin Great Lakes partners. Wisconsin brings its voice to regional Great Lakes discussions by participating in Great Lakes Water Quality Agreement subcommittees as assigned and ensuring participation and engagement in regional activities related to the International Joint Commission, Great

Lakes Commission, Council of Great Lakes Governors, the Great Lakes Protection Fund, and other Great Lakes forums to ensure Wisconsin's perspective is considered in regional policy-making.

The DNR Office of the Great Waters also manages Wisconsin's allocation of the Great Lakes Protection Fund, the Great Lakes Harbors and Bays funds, EPA grants for the Great Lakes, and other Great Lakes funds.

Fox River at Port of Green Bay. Photo by Christopher Rand.

Mississippi River

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 being 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 and 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. The WDNR's LTRM field station at La Crosse, WI carries out this monitoring program on navigational Pool 8 of the Mississippi River.

The Long Term Resource Monitoring- 2016 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 2016.

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 and 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; and
- Restoring forest health and diversity, resulting in habitat for a variety of wildlife.

Paddlefish from the Mississippi River. Photo taken by Shawn Giblin.

Two projects were completed in Wisconsin boundary waters since 2015. These projects are in Pool 9, near the communities of Lynxville and Ferryville. These projects partially offset long-term habitat degradation due to impacts from Lock and Dam 9, which was put into operation in 1938. The sole purpose of the locks and dams was to provide for a 9-foot deep commercial navigation channel. The creation of the navigation pools induced significant changes to the Mississippi River floodplain. Impoundment inundated all but the highest points in the floodplain, which became islands. These islands were the sole physical features able to retain terrestrial habitats and the channel features that existed prior to impoundment. Over time, wave action and river currents gradually took their toll on these islands until few were left in lower Pool 9, including the Capoli Slough and Harper's Slough areas.

Capoli Slough (Pool 9; Crawford County; completed July 2016) - Loss of islands in Capoli Slough affected the quality of habitat for a variety of plant, wildlife and fish species. Erosion of the islands subjected more of the area to wind and wave action. Waves increased the amount of sediment suspended in the water column, which reduced underwater light critical to plant growth. Within the Capoli Slough HREP area, aquatic plant growth was variable over the years. Extended periods of sparse plant coverage affected the use of the area by fish and waterfowl.
Island construction, shoreline stabilization and backwater dredging were used to address a variety of physical drivers limiting fish and wildlife habitat conditions in the project area. Restored islands reduced wind driven sediment resuspension, which has resulted in improved water clarity within the complex. This has resulted in increased diversity and coverage of aquatic vegetation. These improvements have contributed to increased utilization of the area by waterfowl. Island restoration also increased velocity diversity by focusing flows into adjacent channels and creating low velocity areas within the now protected backwater lakes and emergent wetlands. The combination of

reduced velocity, increased depth from dredging and improved aquatic structure has resulted in increased use by backwater fish species.

Harpers Slough (Pool 9; Crawford County; completed August 2017)- Harpers Slough is used heavily by tundra swans, Canada geese, puddle and diving ducks, black terns, nesting eagles, bitterns, and cormorants, and is also significant as a fish nursery area. Many of the islands in the area have been lost due to wave action and ice movement. Island loss resulted in increased sediment resuspension, culminating in less productive habitat for fish and wildlife. The project protected five existing islands and reconstructed an additional seven islands using material from backwater and main channel areas. The project arrested the loss of existing islands, reduced the flow of sediment-laden water into the backwaters, reduced turbidity and increased the diversity of terrestrial and shoreline habitat.

Studies of ecological shifts during a transition from a turbid to clear water state: Water quality thresholds to promote a healthy ecosystem

Fish faces on the Mississippi River. Photo taken by Shawn Giblin.

Water clarity is a keystone variable in aquatic ecology. The positive relationship between water clarity and aquatic plants is well understood and drives a variety of ecological processes in aquatic ecosystems. Feedback mechanisms influenced by healthy aquatic vegetation include: reduced sediment resuspension, reduced phytoplankton, increased invertebrate biomass, increased refuge for zooplankton, increased denitrification, production of allelopathic substances, and increases in waterfowl abundance.

Water clarity and aquatic plant abundance are among the major factors controlling fish community characteristics across the Upper Mississippi River. Widespread landscape disturbance, resulting in increased sediment loading, has been identified as driving declines in aquatic plant abundance. Vegetation loss degrades conditions for backwater specialists and predators with plant-dependent life cycles. Clear, vegetated systems tend to be dominated by visual predators such as yellow perch (*Perca flavescens*), northern pike (*Esox lucious*), and largemouth bass (*Micropterus salmoides).* Predatory fishes such as northern pike, bowfin (*Amia calva*), largemouth bass and longnose gar (*Lepisosteus osseus*) are often able to substantially reduce recruitment among planktivorous fishes. This reduction in planktivorous fish can alter food webs and result in further increases in aquatic vegetation and water clarity. Alternatively, benthivorous fish such as common carp (*Cyprinus carpio*) tend to be abundant in turbid systems and can keep these systems in a turbid state due to resuspension during their feeding and spawning activities. Once substantial populations of common carp and other benthivores are high, establishing aquatic plants can become difficult due to poor water transparency.

Over the past 25+ years, WDNR has observed an ecological shift from a turbid to clear water state on the Mississippi River. WDNR has observed significant, synchronous changes occur in total suspended solids (TSS)

concentration, aquatic macrophyte abundance, native and non-native fish biomass, fish functional feeding guild patterns, fish habitat guild assemblages, fish spawning guild assemblages, and upper trophic level biomass. Environmental variables driving fish assemblage changes were identified (TSS and aquatic vegetation coverage) and management relevant thresholds (TSS = 16 mg/L) were derived to prevent the river from moving to a degraded state characterized by high non-native fish abundance and low predatory fish species abundance.

Freshwater ecosystems are constantly undergoing changes of both natural and human-induced origins, and many changes over the past century have led to ecosystems locked in degraded ecological states. The mechanisms leading to such shifts arise from varying processes, including compromised water quality, establishment of invasive and competitively superior species and land uses and ecosystem extractions that exceed the assimilative capacity of ecosystems. Such ecological shifts often come with notable social and economic costs, progressing from a diverse natural system with diverse ecosystem service benefits, toward a simplified ecosystem with fewer and harder-to-manage ecosystem service benefits. Identifying the thresholds where ecosystems shift ecological states is critical for the applied management of ecosystems. While sometimes abrupt, ecosystem shifts are most commonly slow-moving, cumulative responses to a variety of ecosystem impairments. For this reason, long-term standardized observation is a key tool for documenting these shifts, and for identifying their causes, so that management can be applied before important thresholds are crossed and undesirable ecological shifts occur. We identified an ecological threshold in TSS and associated changes in aquatic plant and fish community attributes where an ecosystem shift

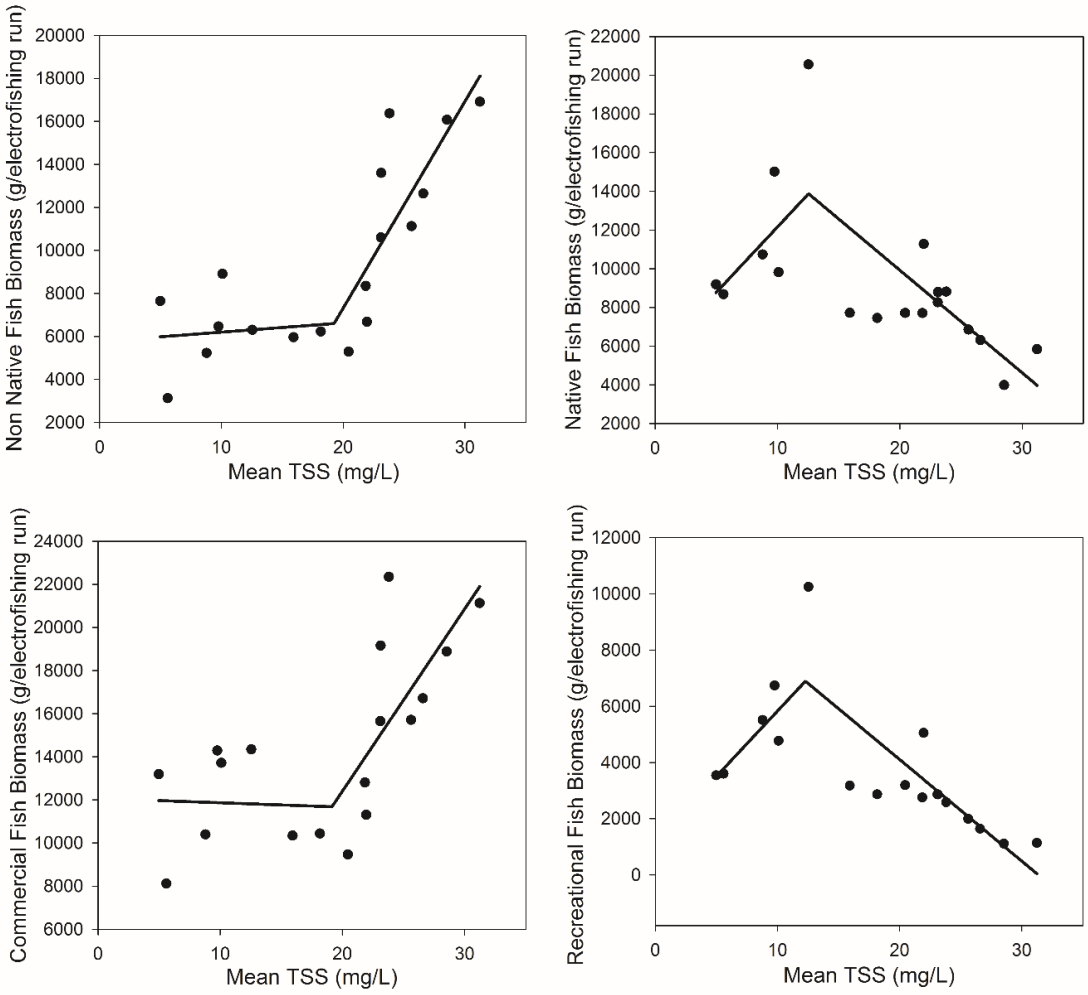


Figure 11. Relation between mean annual fish guild biomass per electrofishing run and mean summer total suspended solids (TSS) in Pool 8 of the Upper Mississippi River (1993–2011). Thresholds are indicated by the breakpoint in the piecewise regression line. Non-native fish biomass increased by 3x as total suspended solids increased from ~5 mg/L to ~30 mg/L. Conversely, native fish biomass decreased 2-3x as total suspended solids increased from ~5 mg/L to ~30 mg/L.

occurred for the UMR. Science-informed management is frequently required to address ecosystem shifts, and because of the size and inter-jurisdictional nature of the UMR, management will require a plurality of stakeholders to actively engage in seeking and meeting threshold targets.

Manuscripts and Reports:

Giblin, S.M. Identifying and quantifying environmental thresholds for ecological shifts in a large semi-regulated river. Journal of Freshwater Ecology 32(1): 433-453.

Giblin, S.M. Thirty years of light data on the Upper Mississippi River: What is it telling us? WDNR summary.

Studies of sediment contamination using sediment traps

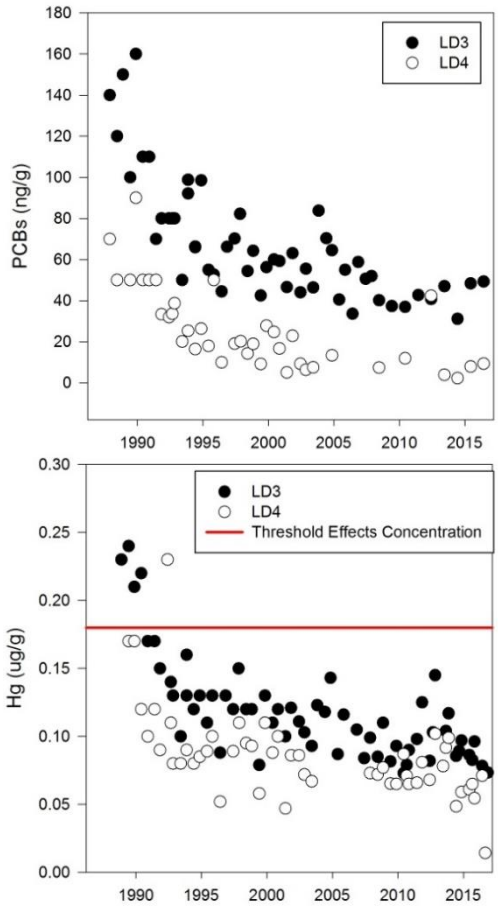
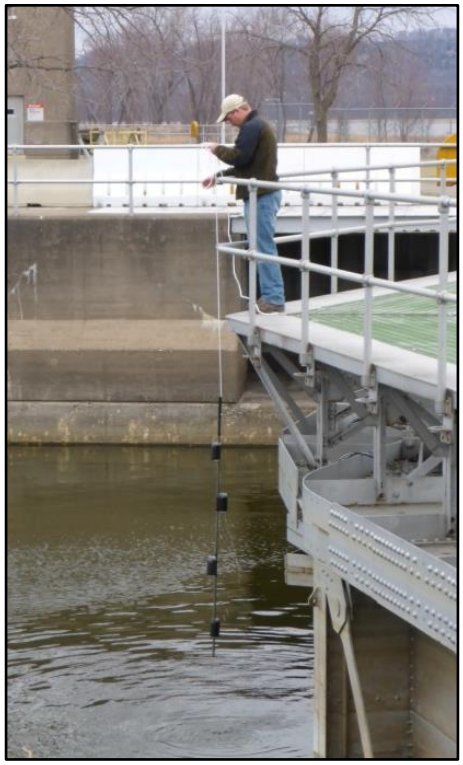


Figure 12. Long term sediment trap polychlorinated biphenyl (PCB) and mercury (Hg) trends at Lock and Dam 3 and 4 (1987-2017). PCB concentration is in nanograms/g and mercury concentration is in micrograms/g. The threshold effect concentration is a level at which toxicity to benthic dwelling organisms is unlikely (WDNR consensus-based sediment guidelines).

The WDNR has been conducting long term monitoring of suspended sediment contaminant concentrations in the Mississippi River at Lock and Dam 3 (Red Wing, MN) and Lock and Dam 4 (Alma, WI) since 1987. Suspended sediment is collected passively through the deployment of glass sediment traps for about 60 days in a low velocity area immediately upstream of both lock and dams during spring, summer and fall. The primary purpose of this monitoring has been to assess long term trends and to provide an estimate of whole-water particulate-phase concentrations. Suspended sediment in river water represents a major portion of contaminant transport, especially in turbid rivers like the Mississippi River. PCB and mercury concentrations in suspended sediments are normally higher in samples collected from Lock and Dam 3 than at Lock and Dam 4. This is due to the closer proximity to the Twin Cities Metropolitan Area, a major source of these contaminants. In addition, Lake Pepin, a natural riverine lake located in Pool 4, acts as a natural sediment trap, which results in decreased transport of these contaminants downstream. Temporal trends indicate a decrease in PCB and mercury concentrations at both monitoring sites. PCB concentrations are presently one-third to one-fourth that observed in the late 1980s, while present mercury concentrations are roughly one-half of concentrations during the late 1980s. Commensurate declines in Cd, Pb, Cr, Cu and Zn concentrations in suspended sediment have also occurred over this period. Pollution abatement efforts to reduce the use or discharge of these contaminants have led to these reductions in contaminant concentrations. These reductions highlight the major success of pollution reduction efforts since the Clean Water Act and provide a clear blueprint for future pollution reduction initiatives.

Manuscripts and Reports:

Giblin, S.M. Mississippi River Long Term Sediment Trap Contaminant Trends: Lock and Dam 3 and 4 (1987-2017)



Example of sediment trap deployment at Lock and Dam 3. Photo from Shawn Giblin.

Zebra mussel trend data

Abiotic drivers (e.g. discharge, water clarity) have historically been viewed as driving ecosystem dynamics within large floodplain rivers. Recent evidence has shown that biotic interactions (e.g. exotic species introductions) can often be underestimated in their regulation of large river dynamics. Zebra mussels were first observed in the Mississippi River in 1991. By 1997, adult zebra mussels reached densities >10, 000 m^2 on hard structures in the UMR. During the late 1990s, negative zebra mussel effects, including low dissolved oxygen and reduced phytoplankton concentration in the main channel were observed.

WDNR has monitored zebra mussel veliger concentrations at Lock and Dam 7 since 1998. Beginning in 2014, block samplers were also deployed to provide an index of adult biomass in navigation Pool 8 where abundant water quality information is collected. Both veliger and adult zebra mussel numbers have declined in recent years. The decline of zebra mussels is a positive development for the ecological health of the UMR. Determining how the decline of zebra mussels is affecting water quality characteristics and mechanisms behind the decline will be efforts for future investigation.

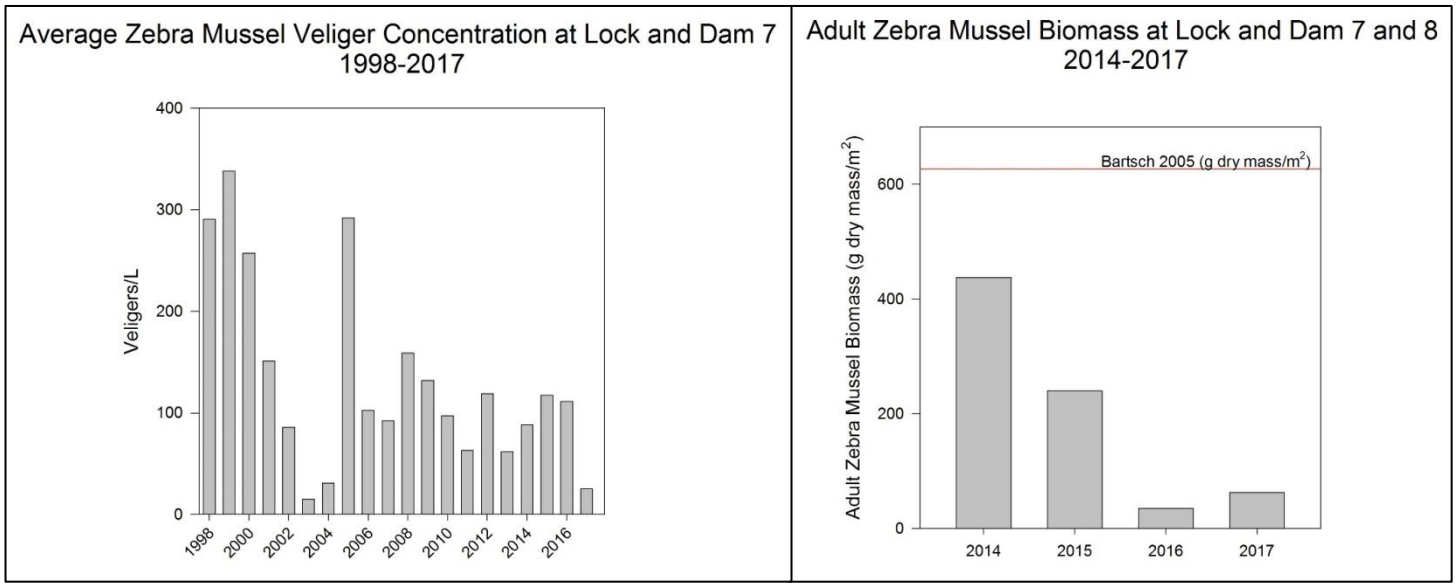


Figure 13. Long term zebra mussel veliger and adult biomass data. Adult zebra mussel biomass (2014-2017) has been substantially lower than observed by Bartsch et al. in 2005.

Site-level water quality evaluations

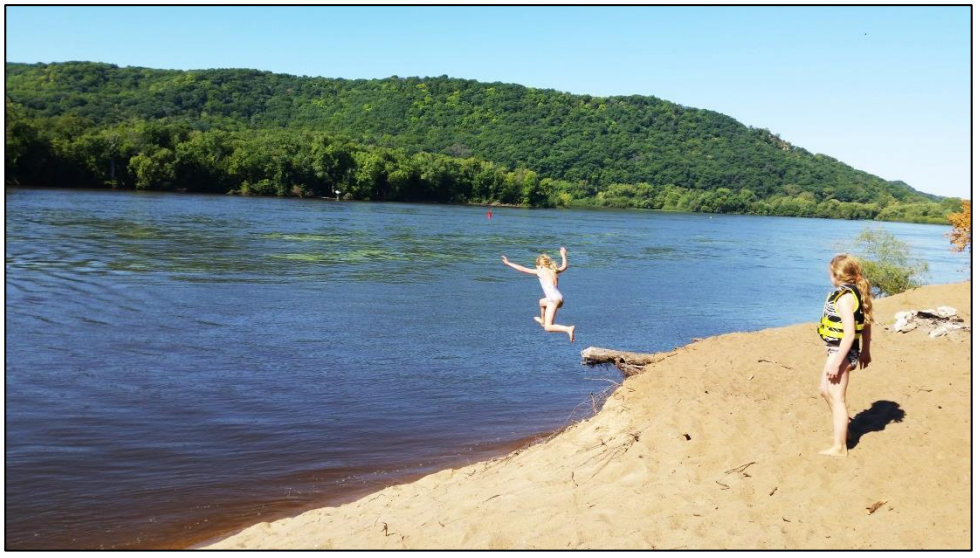
Water quality evaluations were conducted at a variety of locations to inform management decisions related to: increasing or decreasing hydraulic connectivity to the main channel to improve water quality conditions, habitat project evaluation, long term trend evaluation, data gathering in areas proposed for habitat projects and data gathering in areas of special interest. Locations sampled from 2015-2018 include: North and Sturgeon Lakes (Pool 3), Head of Lake Pepin (Pool 4), Weaver Bottoms, Mosiman's Slough, Probst Lake and Spring Lake (Pool 5), Betsey Slough, Fountain City Bay, Kieselhorse Bay and Whitman Bottoms (Pool 5A), Sam Gordy's Slough and Johnson Island (Pool 6), Lake Onalaska, Trempealeau Lakes and Brown's Marsh (Pool 7), Goose Island, Pettibone Lagoon and Stoddard Bay (Pool 8), Capoli Slough, Reno Bottoms, Conway Lake, Ronkowski Slough, Cold Springs and Blackhawk Park (Pool 9), McGregor Lake (Pool 10) and Sunfish Lake (Pool 11).

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

The UMRBA Water Quality Task Force 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 Task Force's activity during the past two years has been the implementation of the Clean Water Act pilot 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 new 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 will result in a comprehensive evaluation of recreation, aquatic life and fish consumption metrics.

Two reports will be produced from the pilot project. The Water Quality Condition Assessment will summarize condition classes for recreation, aquatic life and fish consumption that can be used by both states for evaluation of the Mississippi River. In addition, the Pilot Project Evaluation Report will assess the successes and challenges of the effort. This document will summarize 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 monitoring project demonstrated a high level of interagency cooperation and developed new and innovative methods and tools to assess the Upper Mississippi River. These tools, 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.



Children recreating in the Mississippi River. Photo taken by Shawn Giblin.

Aquatic Invasive Species

The Wisconsin DNR aquatic invasive species (AIS) program participated in several activities in 2016-2017 which aided water quality:

- AIS Grants;
- Boat, Gear, and Equipment Decontamination and Disinfection Manual Code 9183.1 Revision;
- AIS Monitoring;
- Great Lakes and Mississippi River Interbasin study;
- AIS Response Activities; and
- Strategic Analysis on Aquatic Plant Management.

Aquatic Invasive Species signs at a boat landing. Photo by Ashley Beranek.

AIS Grants

Federal

The Great Lakes Restoration Initiative (GLRI) grant program has funded a variety of clean up, restoration and protection activities including funding aquatic invasive species (AIS) early detection and rapid response activities. The Lakes and Rivers Section of the WDNR has received over $9 million from GLRI since 2010 to implement a variety of AIS actions to stop the spread of AIS. These funds were used to increase Wisconsin's capacity to educate boaters about the harmful effects of AIS such as zebra mussels, Eurasian water milfoil, or spiny water fleas, and conduct early detection monitoring and response actions to find AIS quickly and contain or control them. Funds are distributed through a variety of federal agencies but the USFWS and EPA are the two primary agencies distributing funds for AIS activities.

Wisconsin also receives federal funding to implement its statewide AIS Plan. While these funds are important in implementation of the plan they fall far short of what is needed to sustain an effective AIS effort in the state.

State

In 2016 and 2017, the Wisconsin lake grants program, including grants for aquatic invasive species, shifted to a single application period designed to reduce workload on field staff. With minor growing pains, the new process went relatively smoothly. Additional changes are planned as the WDNR anticipates revising Administrative Code Ch. NR 198. The WDNR provides over $4.0 million annually to eligible applicants to prevent, contain and control AIS in the state.

Decontamination/Disinfection Manual Code

The WDNR updated and revised its own internal "Manual Code" which directs WDNR staff on how to clean their boats and equipment prior to moving between water bodies. An internal comment period was completed in 2015. Affected agents, contractors and permittees will be provided an opportunity to comment in early 2016. This guidance can be found here: http://dnr.wi.gov/water/wsSWIMSDocument.ashx?documentSeqNo=126471765.

Since the Manual Code was applied to agents, contractors, and some permittees, an informational website was created (http://dnr.wi.gov/topic/invasives/disinfection.html). An instructional video was also created and posted on the website: https://www.youtube.com/watch?v=-9GdE6T5ySc.

AIS Monitoring Program

The DNR completed a 5-year AIS rate of spread project, providing a foundation for understanding AIS distribution in Wisconsin. This study showed that while many AIS are widespread in Wisconsin, prohibited species are not common and should be targeted for early detection monitoring. For all AIS, the first site selection criterion for monitoring was whether the site had public access. Buchan and Padilla (1999)[1] identified that 15 miles is the distance AIS is moved by boaters. It was also recently shown that development is positively correlated with the presence of AIS in lakes (Latzka et al. *in review*). An additional AIS monitoring program project on streams found that areas with high urban land use should be targeted for early detection monitoring, thus moving forward, early detection monitoring on streams will target:

- Publicly accessible waters;
- Waters within 15 miles (Buchan and Padilla 1999) of prohibited species or species with active management programs; and
- Waters in areas of urban land use.

We surveyed waters using these priority early detection site selection criteria in 2016 and 2017. We have also integrated AIS monitoring in routine water quality sampling on lakes, streams and wetlands.

Great Lakes and Mississippi River Interbasin Study (GLMRIS)

In 2017, Wisconsin DNR monitored 16 locations within all eight of the GLMRIS pathways in Wisconsin. These locations are the Brule Headwaters, Hatley-Plover River, Jerome Creek, Menomonee Falls, Portage Upstream, Portage Downstream and Canal, and Rosendale-Brandon. No species identified in the GLMRIS report were observed during the surveys. For more information on GLMRIS visit: http://glmris.anl.gov/.

AIS Response Activities

A small number of NR 40 prohibited AIS populations were discovered in 2016 and 2017. The response efforts to these populations are described below and many other response efforts for previously discovered AIS populations are ongoing.

New Zealand mudsnail

New Zealand mudsnails (*Potamopyrgus antipodarum*) were originally discovered in Black Earth Creek, Dane County in October 2013. The WDNR implemented a response project to determine their distribution and prevent their spread. Monitoring included statewide winter benthic sampling, an eDNA pilot project, and multistate surveillance using the validated eDNA method. Prevention efforts included partnering with the River Alliance of Wisconsin, Trout Unlimited, and multiple organizations to sponsor grants to engage wading angling

New Zealand mudsnail.

[1] Buchan, Lucy and Dianna K Padilla. 1999. Ecological Applications 9(1):254-265.

outreach, construct wash stations, post signs, and provide presentations. Since then, the mudsnails were discovered in 3 additional waterbodies including Badger Mill and Mt. Vernon Creeks in Dane County and Rowan Creek in Columbia County. Additional outreach efforts and follow-up monitoring were initiated in response to these new discoveries.

Starry stonewort

Starry stonewort (*Nitellopsis obtusa*) was first discovered in a southeast Wisconsin lake on September 16, 2014. Following the discovery, it was verified in several lakes in the southeastern part of the state as well as the Lake Michigan coast. In 2016, it was discovered in Green Lake (Washington County) and Sturgeon Bay and at various access points along Door County's Lake Michigan shoreline. In 2017, it was discovered in Wind Lake (Racine County). Many meetings were held with lake organizations to discuss the new species, how to monitor for it, control limitations, and opportunities to use DNR AIS Early Detection and Response (EDR) Grants for prevention, monitoring, and to explore control. Five lake organizations received EDR grants. Staff throughout the state are continuing to conduct reconnaissance and various control attempts have been made, though hand removal and copper treatments have not been found to be effective.

Asian carp

There were 3 occurrences of Big Head carp in Mississippi River and connected waters in 2016. All fish were captured and killed.

Big Head carp.

Java waterdropwort

In 2016, java waterdropwort (*Oenanthe javanica*) was discovered in 2 new locations in southeast Wisconsin: a ditch to the Sugar River in Green County and an unnamed tributary to the Milwaukee River in Milwaukee County. Previously it was only documented in the Bark River (Waukesha County).

Asian clam

In 2017, Asian clams (*Corbicula fluminea*) were discovered in Little Muskego Lake (Waukesha County) and Stratton Lake (Waupaca County). There are several populations of Asian clams in Wisconsin; in several lakes in the southeast, in the Waupaca Chain of Lakes, the lower Fox River, and along the Mississippi. The ecological impacts of this species are poorly understood and control options are not available.

Yellow floating heart

In 2017, yellow floating heart (*Nymphoides peltata*) was reported in a water garden by a private landowner. DNR staff are working with the landowners to consider possible control options and identify the source of the population.

Yellow floating heart plants on the surface of a lake in Wisconsin. Photo by Audrey Greene.

Strategic Analysis on Aquatic Plant Management

The Lakes and Rivers Section is conducting a strategic analysis, according to NR 150.10, on the state of aquatic plant management (APM) in Wisconsin. This effort has involved compilation of information from stakeholder interviews, conversations with staff from other state agencies, scientific literature review, and program history which can be used to aid future APM discussion and policy development. The Section expects the document will be ready for public review by sometime during the summer of 2018, following review by DNR administrators.

Water Quantity Issues

While Wisconsin generally has abundant water resources over most of the state, there are isolated areas where groundwater pumping has resulted in excessive drawdown of the aquifer and a need to evaluate the competing water uses including irrigated agriculture, industry, municipal supply, ecosystems, and others. Concern over impacts to springs and valuable surface water resources as a result of a proposed water bottling operation in central Wisconsin led to the 2004 adoption of comprehensive groundwater quantity legislation (2003 Wisconsin Act 310). Under that law, proposed high capacity wells that are within 1200 feet of trout streams and other designated high quality waters, wells that could have significant impacts on a spring, and wells with a high water loss are all subject to more rigorous evaluation by the Department of Natural Resources (DNR) using the Environmental Impact Statement process. As a result of the Wisconsin Supreme Court's July 2011 decision in Lake Beulah Management District v. DNR and a September 2014 administrative law decision, the scope of the DNR's review of proposed high capacity wells expanded to include consideration of a greater number of water resource types and existing high capacity wells and. However, in May 2016 the Wisconsin Attorney General issued a formal opinion (OAG-01-16) regarding the DNR's authority to consider environmental impacts when reviewing high capacity well applications. The DNR adopted the opinion and limited the scope of its review of proposed high capacity wells to that which is specifically authorized in statutes and rule. Specifically, the DNR reviewed proposed high capacity wells to determine if they met the same criteria prescribed in 2003 Wisconsin Act 310. High capacity well reviews are conducted in accordance with the Attorney General opinion as of February 2018.

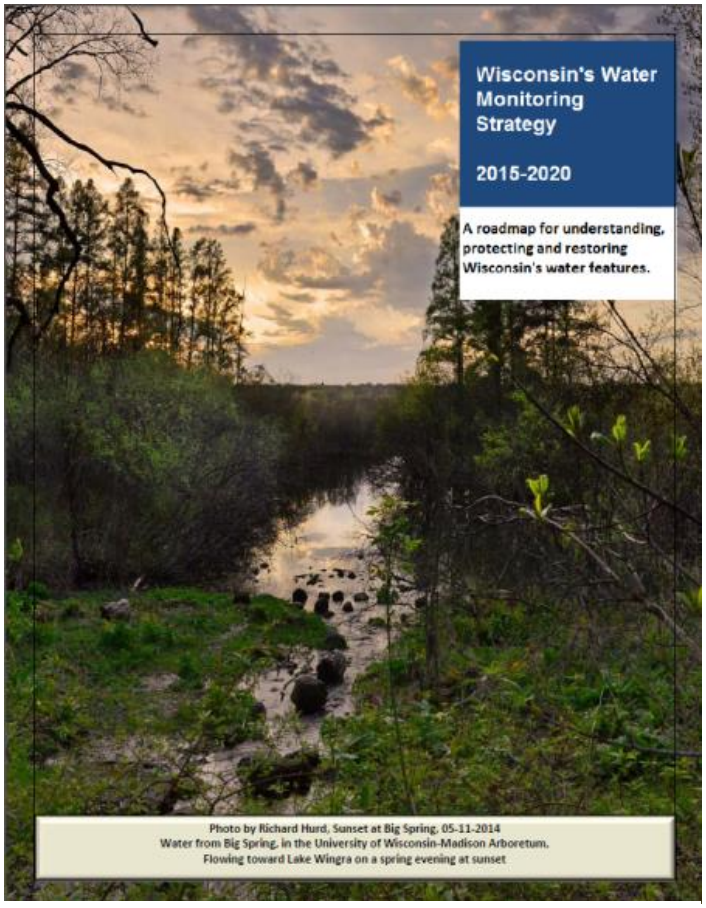
High capacity well.

The Wisconsin legislature has considered multiple bills to modify the high capacity well review process and groundwater management approaches since 2009. The effect of the bills would be to modify, expand, or reduce the scope of WDNR authority over high capacity well reviews and the procedures for those reviews and also would establish mechanisms to designate and manage groundwater use in areas of the state which have experienced cumulative impacts due to groundwater withdrawals. Most recently the Wisconsin legislature passed 2017 Wisconsin Act 10 that allows for the reconstruction, replacement, and transfer of existing high capacity wells without WDNR approval as long as certain criteria are met, related to construction and filling and sealing the existing high capacity well. 2017 Wisconsin Act 10 also requires the DNR to conduct a study of three lakes in central Wisconsin to evaluate cumulative impacts from existing and potential groundwater withdrawals on the three lakes.

C. Surface Water Monitoring & Assessment

C1. Monitoring Program

Wisconsin has created a very detailed Water Monitoring Strategy document that outlines each type of study being done in order to fulfill Clean Water Act monitoring responsibilities. Details of each study type can be found in the monitoring strategy; a short description of each can be found below.



Wisconsin's Water Monitoring Strategy 2015 – 2020. Click to open [PDF].

Rivers / Streams

Baseline Monitoring – Statewide: WDNR will work to continue collection of ambient water quality data such as dissolved oxygen, pH, temperature, hardness, heavy metals, and pesticides important in understanding the assimilative capacity that is appropriate for specific receiving waters under its Long-Term Trend Rivers and Wadeable Streams Programs. Ongoing studies for baseline monitoring:

- Trends sites (Lakes, Rivers) – Long Term Trend Projects,
- Probabilistic surveys (streams, AIS, NARS (coastal condition and wetlands)), and
- Reference sites (wadeable streams, macrophytes, large river macroinvertebrates).

Prescribed Monitoring – Statewide and District Collaboration: Prescribed Monitoring includes directed monitoring activities with common purpose and a suite of standard monitoring procedures. A major goal of this monitoring effort is to coordinate water selection across disciplines (e.g., more integration between streams and lakes, water resources and fisheries) to obtain diverse data sets from the same water body (e.g., water chemistry, physical habitat, and biological data on a single lake).

"Local Needs" - District Initiated: Local needs monitoring are designed to address specific data gaps for closing up open questions related to attainment decisions, permit evaluation or other pressing needs.

Natural Community Stratified Random: To assess the condition of all of Wisconsin's 45,000 miles of perennial streams a probability based stream monitoring program was developed. Probabilistic survey designs provide statistically-valid estimates of conditions of large, hard to sample resources with a known confidence. In 2010-2013 the WDNR began a monitoring program to assess the condition of wadeable streams across the State using a probabilistic design called the Natural Community Stratified Monitoring program (NCSR).

Long Term Trend River Water Quality Monitoring Network: The Long Term Trends (LTT) Rivers monitoring program is a baseline monitoring activity conducted by the WDNR Water Quality Bureau. The LTT Rivers program was developed to track and analyze water quality trends over time in Wisconsin's rivers. The current version of the network, initiated in 2001, now consists of 43 sites, with a minimum of one site per major river basin, generally located near the mouth of each river located at or near a USGS stream flow gauge.

Wadeable Trend Reference Streams: The major goal of this monitoring program is to track long term variation in biological indices over time at reference sites to understand natural variation and broad scale impacts of climatic extreme events on biologic communities. Secondarily, a suite of physical and chemical parameters are monitored over time to understand natural variation.

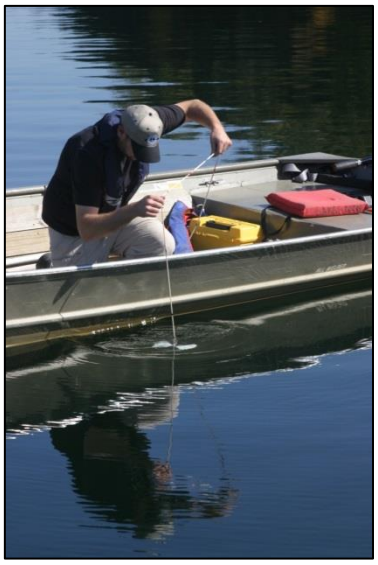
Lakes

Table 3. Lake Monitoring Studies.

Study Name	Purpose	Supports: Fish and Aquatic Life Uses and Recreational Uses
Probabilistic Surveys (National Lakes Assessment)	Determine lake health and how lake characteristics are changing over time statewide	Provides single point data with national methods for further analysis. Single point data *may* be used toward attainment decisions.
Long-Term Trend (LTT) Lakes	Document long-term trends in lakes, provide context for other lakes, answer questions from the public, and evaluate long-term effectiveness of management actions	Overall state lake trend data for condition statements regarding Wisconsin's lakes; used for attainment decisions.
Aquatic Plant Reference Lakes	Monitor natural variability in healthy aquatic plant communities	Aids lake biocriteria development including minimum data requirements and thresholds.
Citizen Lake Monitoring Network (CLMN)	Determine lake trophic status and monitor trends in trophic status over time; citizen engagement and education	Provides the primary source of data for site specific data statewide in conjunction with satellite imagery modeling, resulting in over 6,000 lakes assessed.
Satellite Secchi Monitoring	Infer lake water quality for assessment from satellite data	In conjunction with the CLMN program site specific data statewide resulting in over 6,000 lakes assessed
Directed Lake Surveys	Collect lake information needed for assessment (e.g., 303(d) reporting) and lake management (e.g., aquatic plant management, shoreland zoning, restoration projects, and critical habitat designations) and survey lakes in Targeted Watersheds.	New category of lake monitoring to directly address attainment / condition questions for a host of parameters specific to lake ecosystems. Supports attainment, as well as biocriteria development and implementation.
Lake Level Monitoring	Long-term monitoring to understand natural fluctuations in lake levels and guide lake management, particularly on lakes impacted by drought or groundwater withdrawals.	Addresses management questions regarding lake levels and supports the groundwater program (well permits, etc.).

Citizen Involvement in Water Monitoring

The WDNR is committed to engaging citizens in helping meet its water monitoring needs. This interest in building information resources through citizen volunteers is shared by DNR's nonprofit partners, local units of government, community-based water management organizations, and citizens across the State.



A secchi depth measure being taken on a lake. Photo by Laura Herman.

Citizen Lake Monitoring Network

The Citizen Lake Monitoring Network, the core of the Wisconsin Lakes Partnership, creates a bond between over 1000 citizen volunteers statewide and the WDNR. The goals are to collect high quality trophic status data, to complete water quality assessments on lakes, to educate and empower volunteers, and to share this data and knowledge.

Volunteers measure water clarity, using the Secchi Disk method, as an indicator of water quality. Depending on their level of training volunteers may also collect chemistry, temperature, and dissolved oxygen data.

Citizen Stream Monitoring Network (Water Action Volunteers)

The Water Action Volunteers (WAV) Program involves citizen monitors in the collection of stream water quality data that may be used by the WDNR and their partner organizations. Objectives of the program are to educate and empower citizens, to obtain high quality data useful for WDNR decision-making, and to encourage data and knowledge sharing. WAV volunteers participate in different levels of projects, Baseline Monitoring – the collection of data for six baseline water quality parameters, dissolved oxygen, temperature, transparency, biotic index, habitat, and stream flow – and Enhanced Monitoring – including Status and Trends projects, and nutrient monitoring. Monitoring responsibilities and quality assurance and control measures are more intensive, and data uses shift from educational to addressing management and research needs at higher levels. Program administration comes from UW-Extension and WDNR Statewide Coordinators with support from local program coordinators who are often affiliated with other agencies or non-profit organizations.

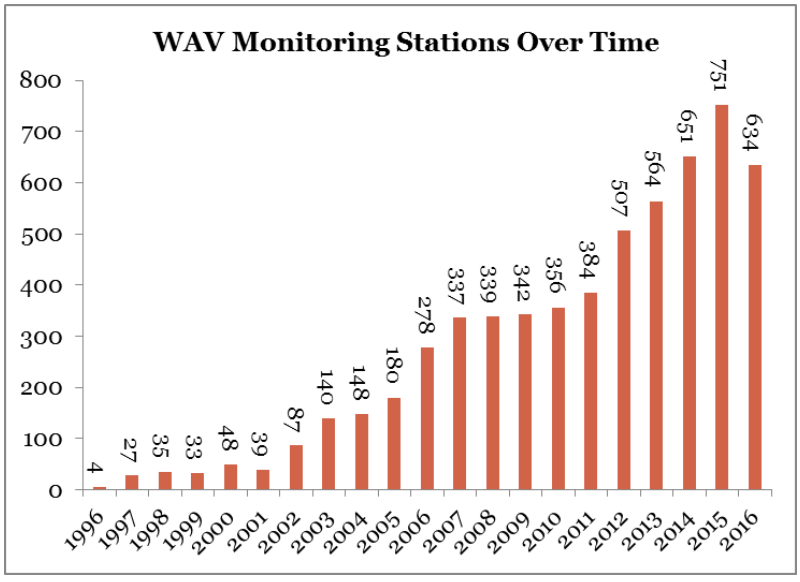


Figure 14. Number of unique stream sites visited by volunteers from 1996 to 2016.

The WAV program has grown by an average of 31.5 sites per year over its 20 year history. In 2016, volunteers monitored a 634 unique stream sites (making 4000+ site visits) in 56 counties across all levels of the WAV program.

C2. 2018 Assessment Methodology

Data Used for Assessments

Data used for assessment include quality assured data submitted by the public and from WDNR's monitoring program. All data used for assessment must meet WDNR's quality assurance requirements. WDNR also determines whether available data are representative of the conditions.

WDNR Databases

WDNR created and manages two databases that house WDNR monitoring data and other information to be used for assessment and impairment decisions. The Surface Water Integrated Monitoring System (SWIMS) database contains chemical (water, sediment), physical (flow), and biological (macroinvertebrate, aquatic invasive) data collected for CWA programs. Data in SWIMS are shared through the federal Water Quality Exchange Network, which is an online federal repository for all states' water monitoring data.

The second WDNR database is the Water Assessment, Tracking and Electronic Reporting System (WATERS) database, which contains: Program Objectives, Goals, Performance Measures, and Success Stories; CWA Use Designations and Classifications (NR102, NR104); Outstanding and Exceptional Resource Waters Designations (NR102); CWA assessment data, including decisions regarding a waterbody meeting its attainable use or whether or not the waterbody is considered "impaired"; Impaired waters tracking information, including the methodology used for listing, the status of the TMDL development, and restoration implementation work; Fisheries Trout Classifications (Administrative Code, NR 1.02(7)); and watershed planning recommendations, decisions, and related documents.

The WATERS and SWIMS databases are closely integrated. Within WATERS, summary values and specific information behind the assessment decisions are linked directly to the monitored waters. Data to be used in assessment and impairment decisions are pulled from the SWIMS and WATERS databases, according to the period of record and minimum data requirements that are outlined in WisCALM.

WDNR Data

Data in the SWIMS database is considered readily available and is used in assessments if it meets assessment requirements. 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 SWIMS are assessed using automated assessment packages that are programmed to follow assessment protocols outlined in WisCALM.

Public Data

In addition to WDNR's monitoring data described above, public data are also 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 December 28, 2016 – January 31, 2017, and WDNR received information / data submittals from nine entities:

Courte Oreille Lake Association (COLA)

COLA provided chemical and profiling data for Lac Courte Oreilles (WBIC 2390800) and Little Lac Courte Oreilles (WBIC 2390500) for 2016. This monitoring work was completed by the Lac Courte Oreilles Band of Lake Superior Chippewa Conservation Department (LCOCD) as part of LCOCD's routine monitoring of reservation waters and was conducted in accordance their provided Quality Assurance Project Plan. The submittal met WDNR data requirements for assessment and for uploading to our Surface Water Integrated Monitoring System (SWIMS) database, and was included in the 2018 assessments.

Friends of Starkweather Creek

Friends of Starkweather Creek submitted a final report on hydrophobic organic compounds collected using semipermeable membrane devices (SPMDs) performed in 2005 by the UW-Madison Water Resources Management Practicum students. Methods used in this study were not comparable to water quality criteria in Wisconsin Admin. Code so these data were not used for assessment. The report was saved to our database for future reference.

Kewaunee CARES

The submitted dataset include chloride, *E. coli*, nitrate, total coliform, and total phosphorus. The collection methods associated with the data were also submitted and met quality assurance requirements. The methods for acquiring chloride concentrations were calculations rather than lab tested, which is different from data used for assessments so these data were excluded from assessments. There are no available numeric criteria for comparison of the *E. coli*, nitrate, and total coliform data. The total phosphorus data were used for assessments.

Lake Mallalieu Association

The Lake Mallalieu Association submitted lake level information for the lake along the shoreline. This information was not used in assessments due to lack of assessment methods for lake level, but this spreadsheet was uploaded to our Surface Water Integrated Monitoring System (SWIMS) database for future use.

Milwaukee Riverkeeper

A member of the Milwaukee Riverkeeper submitted chloride data collected by the Milwaukee Metropolitan Sewerage District (MMSD). Collection and analytical methods were available on MMSD's website and met WDNR data requirements. These data were included in the 2018 assessments.

Polk County Land and Water Resources Department (LWRD)

Staff at Polk County LWRD submitted total phosphorus and chlorophyll-a data for Coon Lake (WBIC 2642000) in Polk County. Collection and analytical methods met WDNR data requirements and these data were included in the 2018 assessments.

Rock River Coalition

The submitted dataset was total phosphorus sample data collected for the Rock River Coalition-Yahara WINs Adaptive Management Citizen Based Monitoring Program. The dataset contained data for 23 rivers and streams and included the following parameters: total suspended solids, total phosphorus, nitrate/nitrite, ammonia, total Kjeldahl nitrogen, and orthophosphate. Samples were analyzed by the Madison Metropolitan Sewerage District (MMSD). WDNR found that collection and analytical methods met quality assurance requirements for assessment and for uploading to our Surface Water Integrated Monitoring System (SWIMS) database. These data were included in the 2018 assessments.

Taylor County Land Conservation Department (LCD)

Staff at Taylor County LCD submitted total phosphorus data for 19 rivers and streams in the county. Collection and analytical methods met WDNR data requirements and these data were included in the 2018 assessments.

United States Geological Survey (USGS)

A WDNR staffer recognized existing USGS data for Willow River (WBIC 2606900) and South Fork Willow River (WBIC 2609200) that had not been assessed. Collection and analytical methods met WDNR data requirements and these data were included in the 2018 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 2016 assessment methodology work by creating a revised *Wisconsin Consolidated Assessment and Listing Methodology* (WisCALM) to conduct assessments in 2018 for determining the attainment of designated uses.

For 2018 the following components of WisCALM were revised:

- New numeric criteria quick-reference section at the beginning of the document. This includes tables of numeric criteria and links to further descriptions within WisCALM.
- Added language on Chloride assessments; a clarification not a change in criteria or assessment methods.
- Total Phosphorus (TP) targets in lakes for Fish and Aquatic Life (FAL) use were updated to match the Recreation (REC) use criteria. This update does not impact the number of lakes listed for TP or impact permitting.

WATERS Database Cleanup

The Water Assessment, Tracking and Electronic Reporting System (WATERS) database underwent several cleanup projects in order to create a more accurate record of waters and their assessments.

- Updated nearly all lake, reservoir, and impoundment acreages based on newest information;
- Retired old, duplicate, or erroneous water records;
- Updated summary reports to exclude retired waters;
- Re-segmented some river and streams to exclude lakes, reservoirs, and impoundments. Also fixed some segment overlap; and
- Designated Use support clarification.

These changes have impacted the total water counts and sizes, which may account for some of the differences between the summary numbers for the 2016 and 2018 cycles.

Designated Use Support Clarification

In prior cycles the state of Wisconsin has determined use support with four levels: "Not Supporting", "Fully Supporting", "Supporting", and "Not Assessed". Use of the "Supporting" status was based on a general assessment, one where there is some data, but not enough to do a full assessment as outlined in 2018 WisCALM. In the 2018 cycle the use of "Supporting" by Wisconsin was no longer compatible with the EPA's reporting system. To accommodate for this change all waters in the WATERS database with a use determined to be "Supporting" were reviewed; any water without supporting data were changed to "Not Assessed". Some older records had a use marked as "Supporting" even though no assessment had been done. Waters determined to be "Supporting" were sent to the EPA's database as "Fully Supporting". No impairment decisions were made with this clarification.

St. Croix River in the Big Island State Natural Area. This portion of the river fully supports the Fish and Aquatic Life use.

C3. Statewide Water Condition Results

Results of Statewide Condition Assessments

The vast number of water resources in the State prevents monitoring and assessing all waters in any specific timeframe. The State has over 88,000 miles of streams and nearly 43,000 miles, approximately 49%, are entered into the state's assessment database. WDNR generally prioritizes the collection and entry of water information for waters within watershed planning areas or waters within areas that are showing degradation or impairment. As resources allow, additional waters will be monitored and updated in the assessment database to ensure the documentation of the State's water conditions are as comprehensive as possible.

Of the waters assessed, the majority are considered meeting uses (Figure 15). Impaired waters are ones that do not meet one of its designated uses. Each waterbody is assessed for multiple designated uses depending on the available data. Below are summaries of the designated use support for each waterbody type in the state. The tables show how many miles or acres of the resource were assessed or not assessed, and of those assessed, how many are Fully Supporting or Not Supporting each designated use. The total size shown is the amount in the WATERS database, not the total amount in the state.

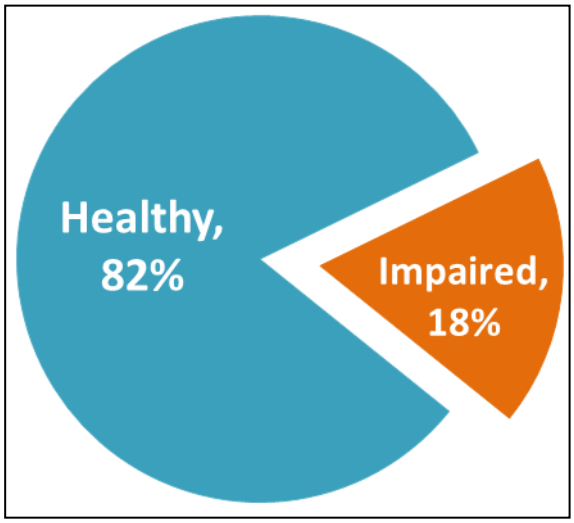


Figure 15. Percentage of assessed waters by size that are healthy or impaired.

Lakes – Recreation (REC) and fish and aquatic life (FAL) uses are the primary designated uses assessed for lakes (Table 4). WDNR assessed FAL use of 75% lake acres in the database using a combination of in-lake water quality samples and water clarity data gathered from satellite imagery (Figure 17). The least assessed use was Fish Consumption (FC) at 62%. This is a result of the type of testing needed to determine impairment, fish tissue samples, which are labor intensive to collect and analyze. An effort to include FC assessments that met the use was undertaken during this cycle using information from the past five years; in past cycles only the impaired waters were documented unless a water was delisted (Figure 16). Of the acres in the database only 8% are impaired for FC, 35% are impaired for REC, and 33% are impaired for FAL. Over half the acres support FAL use.

Table 4. Summary of Designated Use Support for Lakes - Acres.

Use Category	Fully Supporting	Not Supporting	Not Assessed	Total Size
Fish Consumption	283,293	80,552	594,581	**960,398**
Fish and Aquatic Life	500,893	312,857	146,648	
Public Health and Welfare	131,942	--	828,456	
Recreation	158,481	332,561	469,356	

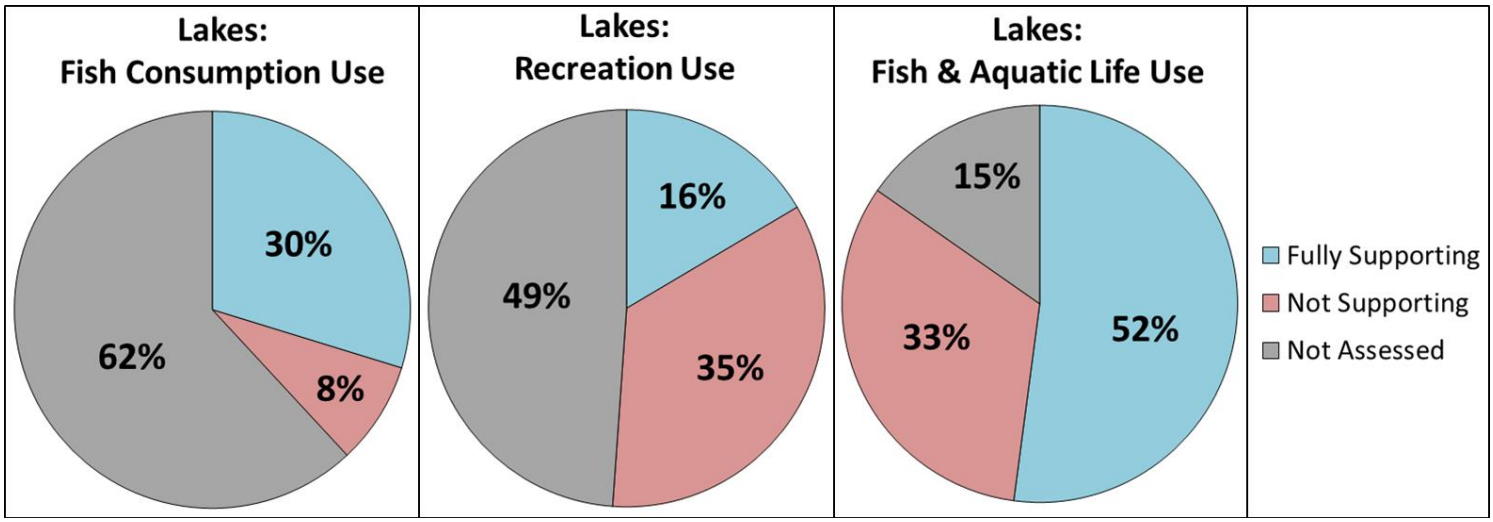


Figure 17. Support status for three different uses by percentage of lake acres.

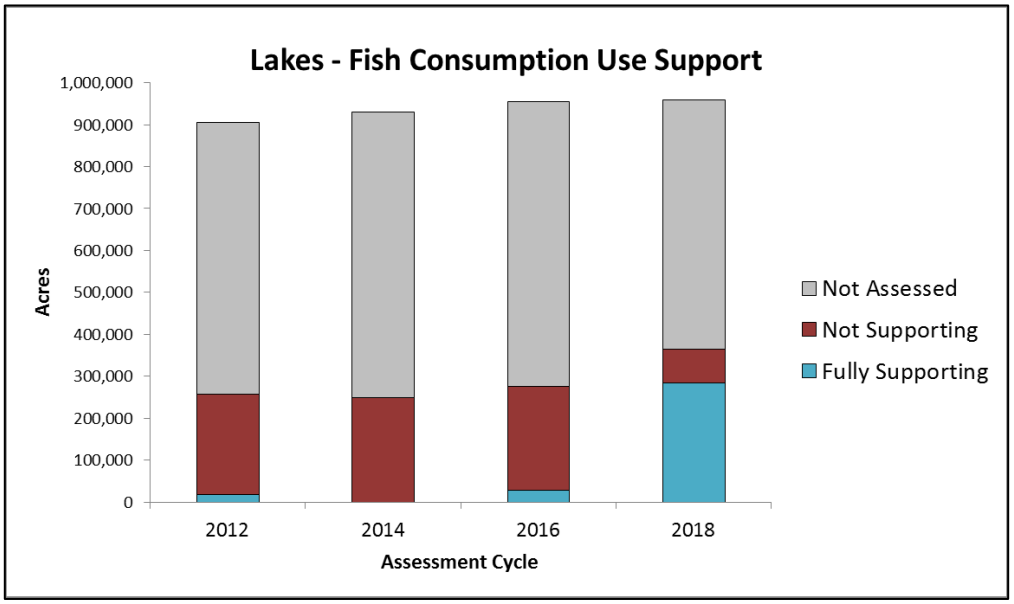


Figure 16. Fish Consumption use support in lakes for the past four assessment cycles.

Impoundments – Due to landscape and morphological features of impoundments (sediment transport, collection of nutrients and algal debris) a majority of impoundment acres do not support fish and aquatic life use (74,837 acres, 59%) or recreation use (79,781 acres, 63%) (Table 5 and Figure 18). Due, in part, to the accumulation of sediment behind riverine structures and proclivity of pollutants like organic contaminants and metals to attach to sediment, a large proportion of impoundments (61,264 acres or 49%) do not support fish consumption (i.e., these waters have specific advice that recommends strict limits on the number and type of fish consumed) (Table 5 and Figure 18). Nearly all impoundment acres in the database were assessed for Fish and Aquatic Life use.

Table 5. Summary of Designated Use Support for Impoundments - Acres.

Use Category	Fully Supporting	Not Supporting	Not Assessed	Total Size
Fish Consumption	32,163	61,264	32,159	**125,587**
Fish and Aquatic Life	40,839	74,837	9,910	
Recreation	4,528	79,781	41,277	

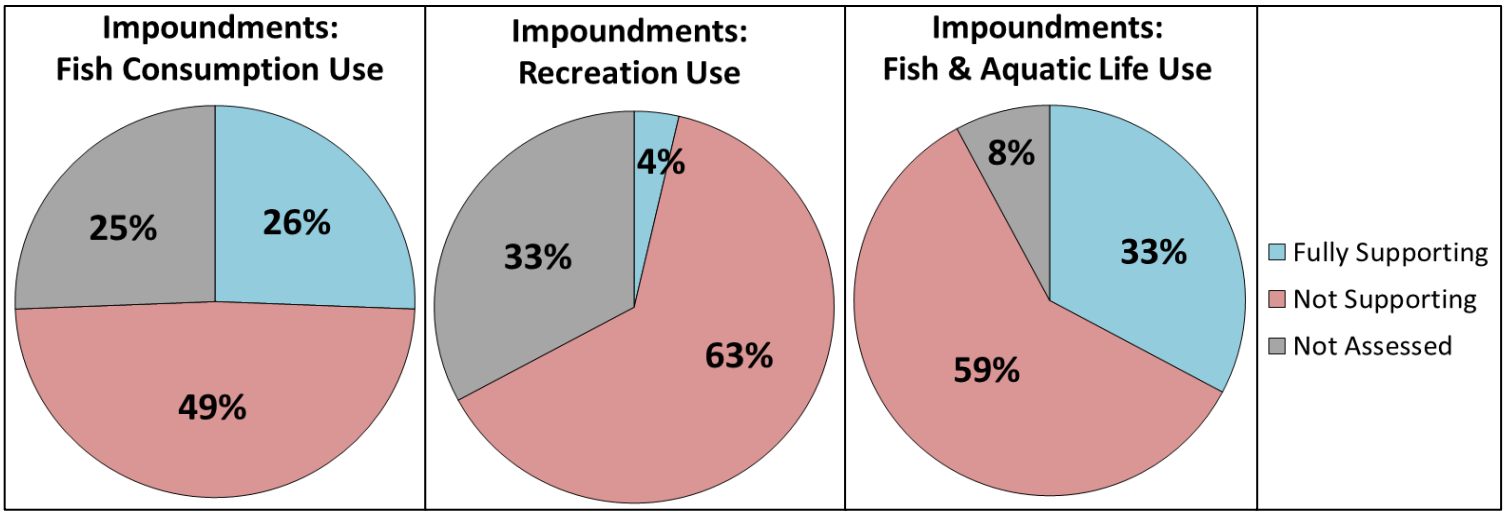


Figure 18. Percentage of impoundment acres supporting three different designated uses.

Bays/Harbors – Bays and harbors are a part of lakes and impoundments and there are more in the state than represented in Table 6 below. Bays and harbors are generally only distinguished for assessment when there is an impairment, which is reflected by the high amount of acreage that is not supporting for assessed uses (Figure 19).

Table 6. Summary of Designated Use Support for Bays/Harbors - Acres.

Use Category	Fully Supporting	Not Supporting	Not Assessed	Total Size
Fish Consumption	857	19,985	5,740	26,582
Fish and Aquatic Life	1,048	20,876	4,658	
Public Health and Welfare	141	5,902	20,539	
Recreation	--	857	25,725	

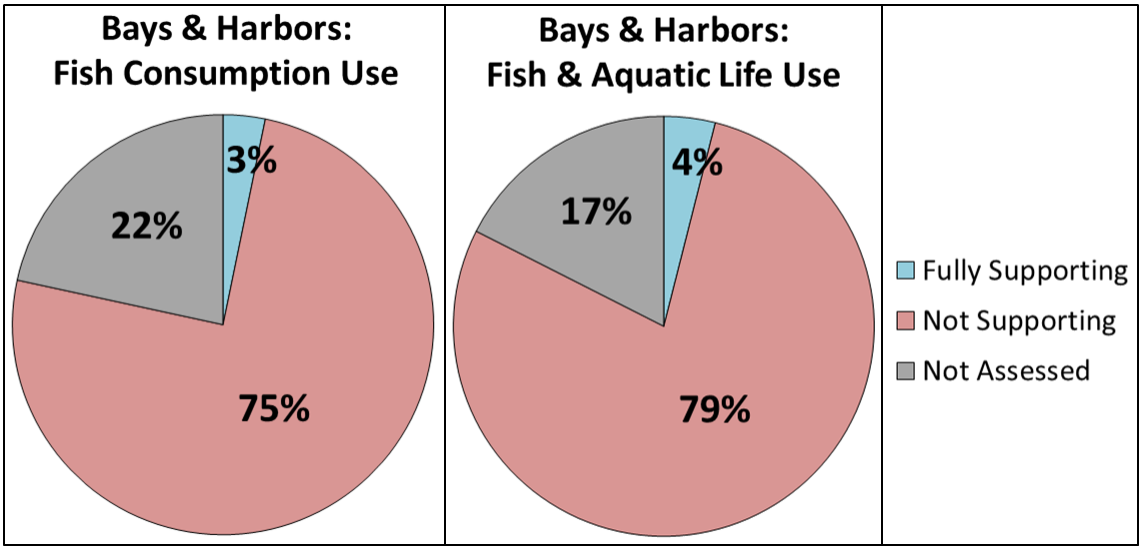


Figure 19. Support status for Fish Consumption and Fish & Aquatic Life uses by percentage of bay and harbor acres.

Rivers/Streams – There are approximately 88,000 stream miles in Wisconsin but only about half are in the WATERS database (Table 7). The majority of river/stream assessments are for the Fish and Aquatic Life (FAL) use and 19% of miles are considered not supporting (Figure 20). A full 40% of FAL assessments supported the use.

Table 7. Summary of Designated Use Support for Rivers/Streams - Miles.

Use Category	Fully Supporting	Not Supporting	Not Assessed	Total Size
Fish Consumption	479	1,407	41,032	**42,917**
Fish and Aquatic Life	17,167	7,984	17,766	
Recreation	43	154	42,721	

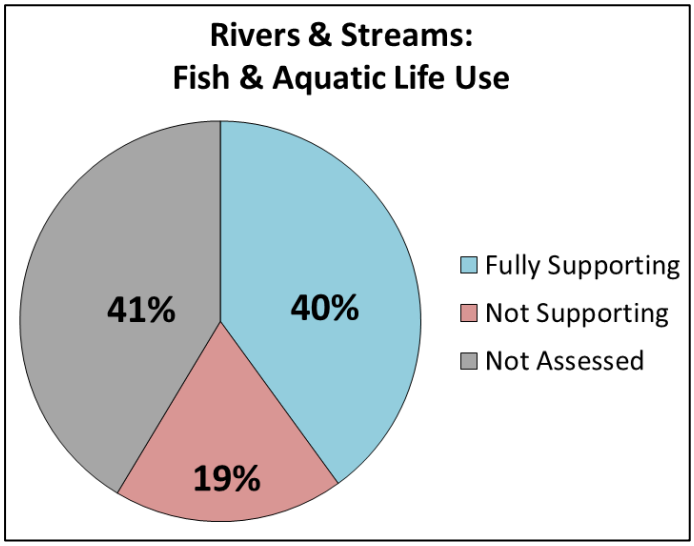


Figure 20. Fish and Aquatic Life use support by percentage for rivers and streams.

Good fishing is driven by a healthy aquatic community. Photo of Amanda Smith.

Great Lakes Shoreline – Wisconsin has over 1,000 miles of Great Lakes Shoreline, with only a fraction of those shoreline miles considered assessed for Fish Consumption uses (Table 8). A little over 100 miles is considered supporting Fish and Aquatic Life use.

Table 8. Summary of Designated Use Support for Great Lakes Shoreline - Miles.

Use Category	Fully Supporting	Not Supporting	Not Assessed	Total Size
Fish Consumption	--	268	700	**968**
Fish and Aquatic Life	112	--	856	

Great Lakes Beaches – REC is the only use assessed for Great Lake beaches. Wisconsin has approximately 106 miles of public beach and a total of 192 coastal beaches along the shores of Lake Michigan and Superior. Of these, 10 miles are considered not supporting REC use (Table 9).

Table 9. Summary of Designated Use Support for Great Lakes Beaches - Miles.

Use Category	Fully Supporting	Not Supporting	Not Assessed	Total Size
Recreation	88	10	8	**106**

Inland Beaches – Inland beaches are underrepresented in the State's assessment database as these areas are added when an impairment is found to exist. REC is the only use assessed for inland beaches. Of the 20 miles in the assessment database, 85% are considered fully supporting and 10% are considered not supporting REC use.

Table 10. Summary of Designated Use Support for Inland Beaches - Miles.

Use Category	Fully Supporting	Not Supporting	Not Assessed	Total Size
Recreation	17	2	1	**20**

Springs – The State has many known or suspected springs, few of which are documented in the WATERS database. For the purpose of assessment, many of these springs are classified as "small lakes' or "shallow headwaters" and thus are assessed using the TSI general assessment protocols. A large portion (46%) of the springs in the database has been assessed for FAL use, with 43% of springs supporting this use.

Table 11. Summary of Designated Use Support for Springs – Acres.

Use Category	Fully Supporting	Not Supporting	Not Assessed	Total Size
Fish and Aquatic Life	586	38	742	**1,366**
Recreation	9	38	1,319	

Wetlands – Few of the state's wetlands have been assessed for the 303(d) process. Assessment methods and tools have been developed for wetland assessments but these methods require a great deal of professional expertise to carry out. New assessments have not been entered into the WATERS database in several cycles.

Table 12. Summary of Designated Use Support for Wetlands – Acres.

Use Category	Fully Supporting	Not Supporting	Not Assessed	Total Size
Fish and Aquatic Life	5,009,989	1,000	841	**5,011,830**

Wetland assessed during the 2016 National Wetland Condition Assessment (NWCA). Photo by Christopher Noll.

Five-Part Categorization

The EPA encourages States/Tribes to use a five-category system for classifying all water bodies (or segments) within its boundaries regarding the waters' status in meeting the State's/Tribe's water quality standards (Table 13). The classification system is based on designated uses for reporting on water quality. Each waterbody and designated use combination is assigned a reporting category.

Table 13. EPA Integrated reporting categories.

Category/ Subcategory	Description
Category 1	**All designated uses are supported**, no use is threatened.
Category 2	Available data and/or information indicate that **some, but not all, designated uses are supported**.
Category 3	There is **insufficient available data** and/or information to make a use support determination.
Category 4	Available data and/or information indicate that at least one designated use is not being supported or is threatened, but **a TMDL is not needed**.
Category 4a	A State developed TMDL has been approved by EPA or a TMDL has been established by EPA for any segment-pollutant combination.
Category 4b	Other required control measures are expected to result in the attainment of an applicable water quality standard in a reasonable period of time.
Category 4c	The non-attainment of any applicable water quality standard for the segment is the result of pollution and is not caused by a pollutant.
Category 5	Available data and/or information indicate that at least one designated use is not being supported or is threatened, and **a TMDL is needed**.

WDNR has further refined subcategories. Category 5 (waters not meeting water quality standards and a TMDL is needed) subcategories distinguish among differing types of impaired waters and TMDL priorities. WDNR created 5B to identify waters impaired by mercury mainly from atmospheric sources. Within the last three assessment periods, WDNR has added additional subcategories under Category 5. These additional subcategories are defined in Table 14.

Table 14. WDNR's Integrated Reporting subcategories for impaired waters requiring TMDLs.

Subcategory	Definition
Category 5A	Available information indicates that at least one designated use is not met or is threatened and/or the anti-degradation policy is not supported, and one or more TMDLs are still needed. This is the default category for impaired waters.
Category 5B	Available information indicates that **atmospheric deposition of mercury** has caused the impairment and no other sources have been identified.
Category 5C	Available information indicates that non-attainment of water quality standards may be caused by **naturally occurring or irreversible human-induced conditions**.
Category 5P	Available information indicates that the applicable **total phosphorus** criteria are exceeded; however, biological impairment has not been demonstrated (either because bioassessment shows no impairment or because bioassessment data are not available).
Category 5W	Available information indicates that water quality standards are not met; however, the development of a TMDL for the pollutant of concern is a low priority because the impaired water is included in a watershed area **addressed by at least one** of the following **WDNR-approved watershed plans**: adaptive management plan, adaptive management pilot project, lake management plan, or Clean Water Act Section 319-funded watershed plan (i.e., nine key elements plan).

Table 15 shows how many miles or acres for each waterbody type are in each listing category. Any water in Categories 4 or 5 are considered impaired. Over 50% of assessed river/stream miles, beach miles, and lake acres were placed in Category 2 because at least one designated use was supported (Figure 21). These waters are not considered impaired. Of the impaired river miles, lake acres, and impoundment acres the majority require a TMDL.

Table 15. Waterbody miles and acres in each listing Category. Wisconsin does not have any waters in Categories 1, 4B, 4C, or 5W.

Waterbody Type	Category							Total
	2	3	4A	5A	5B	5C	5P	
River/stream (miles)	14,367	19,808	901	5,147	27	30	2,585	42,865
Lake (acres)	411,877	125,882	27,733	304,228	40,796	8,924	11,169	930,610
Impoundment (acres)	17,455	12,250	4,044	67,358	23,860	--	613	125,580
Beaches (miles)	105	10	--	12	--	--	--	127

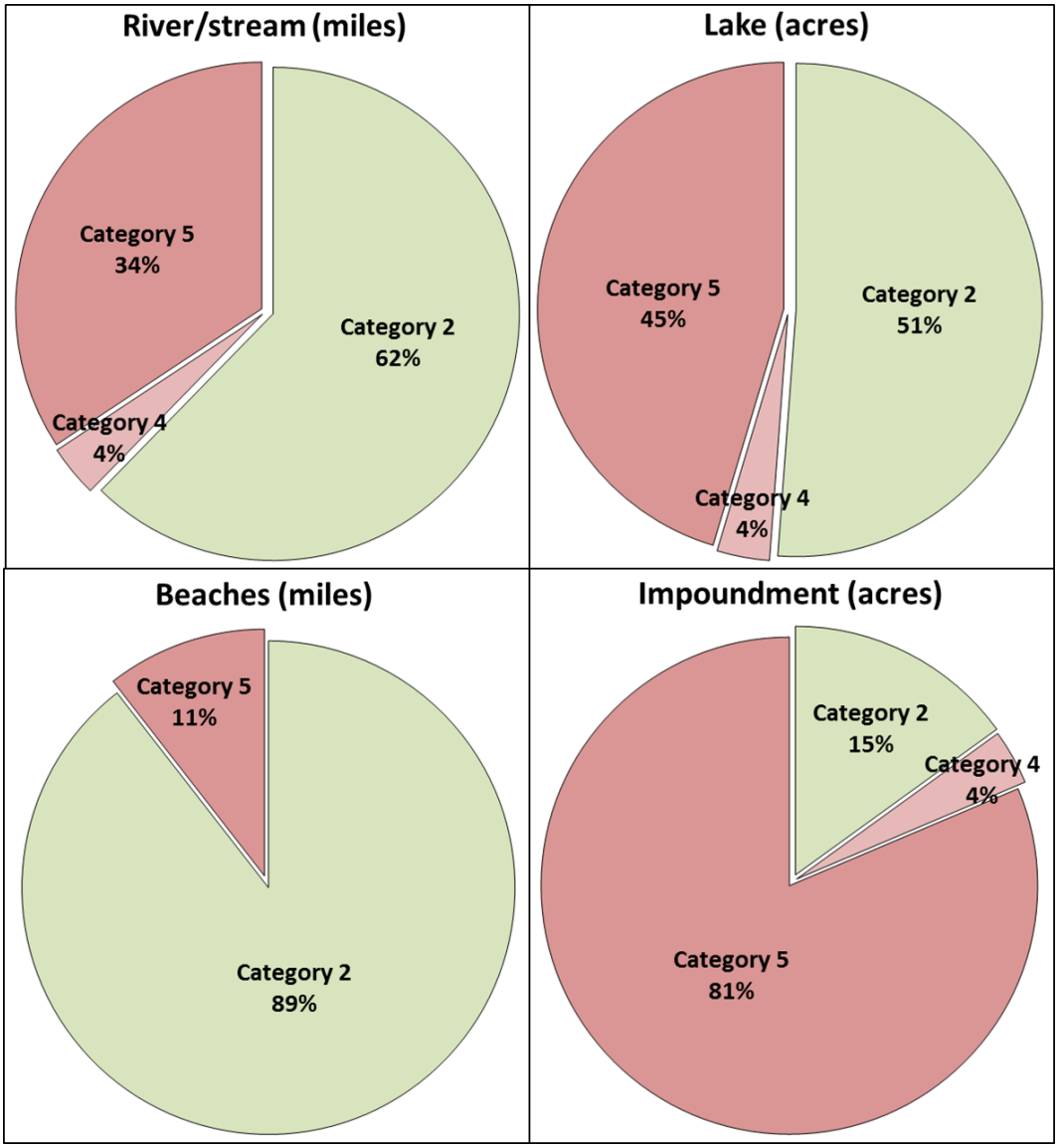


Figure 21. The percentage of each water type that is meeting at least one use ("healthy", Category 2), are impaired but have a TMDL approved (Category 4), or are impaired and still need a TMDL.

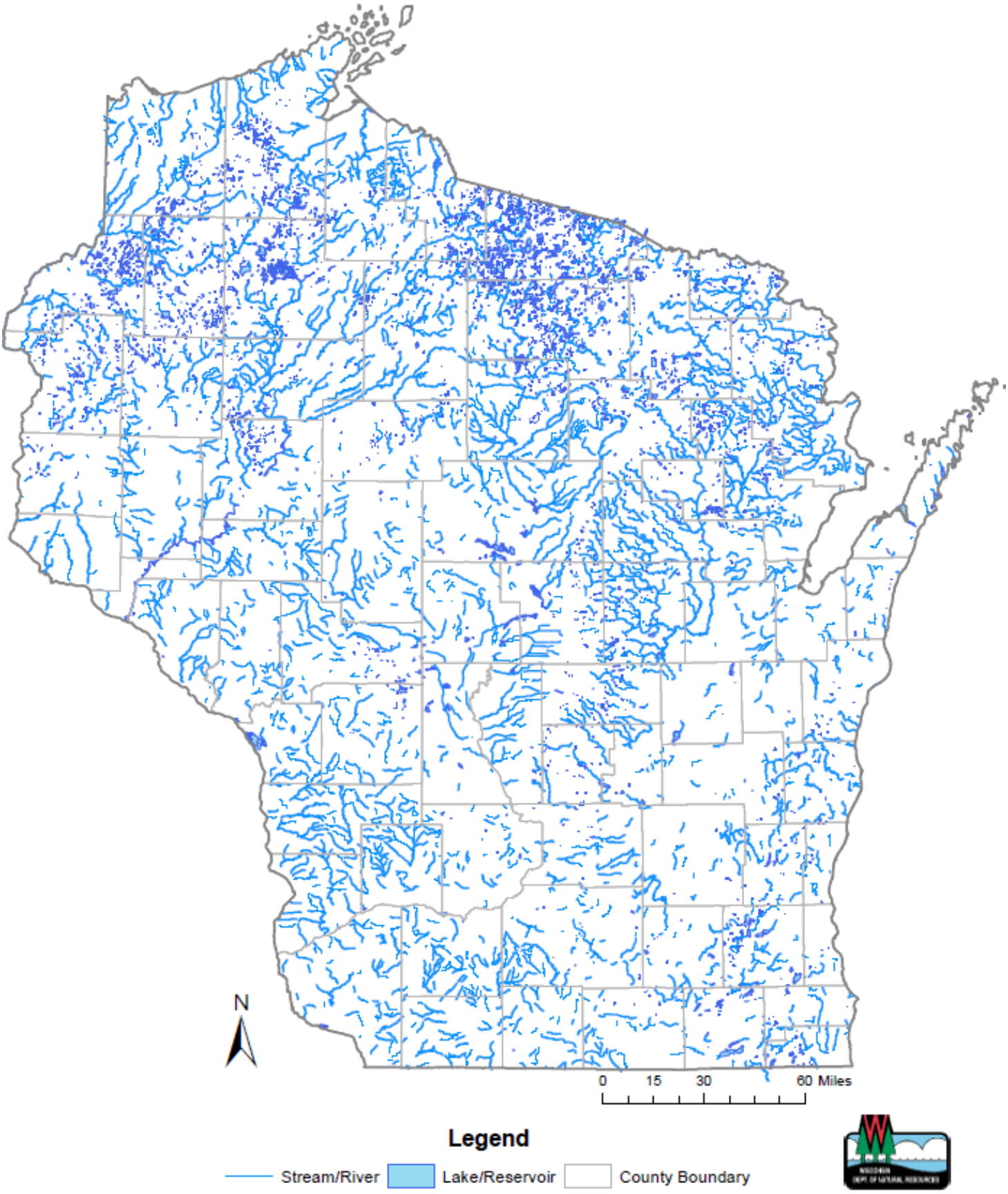


Figure 22. Map of all healthy (Category 2) waters.

Proposed 2018 303(d) Impaired Waters List

Impaired waters, as defined by Section 303(d) of the federal CWA, are those waters that are not meeting the State's water quality standards. Every two years states are required to submit a list of impaired waters to EPA for approval.

For the 2018 assessment cycle there were 242 waterbodies, with 244 pollutant listings, newly proposed for the list and 43 previously listed waterbodies had 45 pollutant listings added (Table 16). There were 35 proposed waterbody/pollutant delistings, the most since the 2010 assessment cycle, and 25 listed waters had 26 pollutants deleted.

Table 16. Summary of 2018 changes to the impaired waters list. Numbers represent pollutants, not waterbodies because a waterbody can be listed for multiple pollutants.

2018 Changes			
35 Delistings	26 Deletions	244 Listings	45 Additions

The majority of the listing changes were for total phosphorus except for deletions, which were removal of Unknown Pollutant listings (Figure 23). All of the Unknown Pollutant delistings and deletions were associated with the biological condition of the waterbody; new information showed the biology was healthy. Removal of fish consumption advisories resulted in the delisting and deletion of PCB and mercury listings for several waters. One of the largest PCB listing removals was for Lakes Winnebago, Winneconne, Poygan, and Butte des Morts, which accounts for over 159,000 acres (Figure 24). Fish Barrier (Fish Passage) deletions were due to the removal of a dam along a stream, which removed the barrier to fish passage.

A total of 51 Unknown Pollutant listings were added to the list. Of these 21 were associated with elevated water temperature, 29 were associated with degraded biology (poor bug or fish community or excess algal growth), and 1 was associated with low dissolved oxygen.

There were 19 new chloride listings, 6 for newly listed waterbodies and 13 listings added to previously listed waters. The new chloride listings were primarily in the southwestern portion of the state, near larger cities. Chloride listings can result from use of road salt, an important part of winter road safety in Wisconsin, and a larger issue in areas where there are more roads.

A total of 7 new mercury listings were added to the list with only 1 being an addition to a previously listed water. These listings were for contaminated fish tissue and based on the fish consumption advisories determined by DNR fish toxicology staff. Additionally, there were 10 mercury listings removed from the list, 7 of which were complete water delistings, and 10 PCB listings removed from the list with 4 being complete water delistings.

The listing additions were spread across the state (Figure 25). The full list is available in Appendix A.

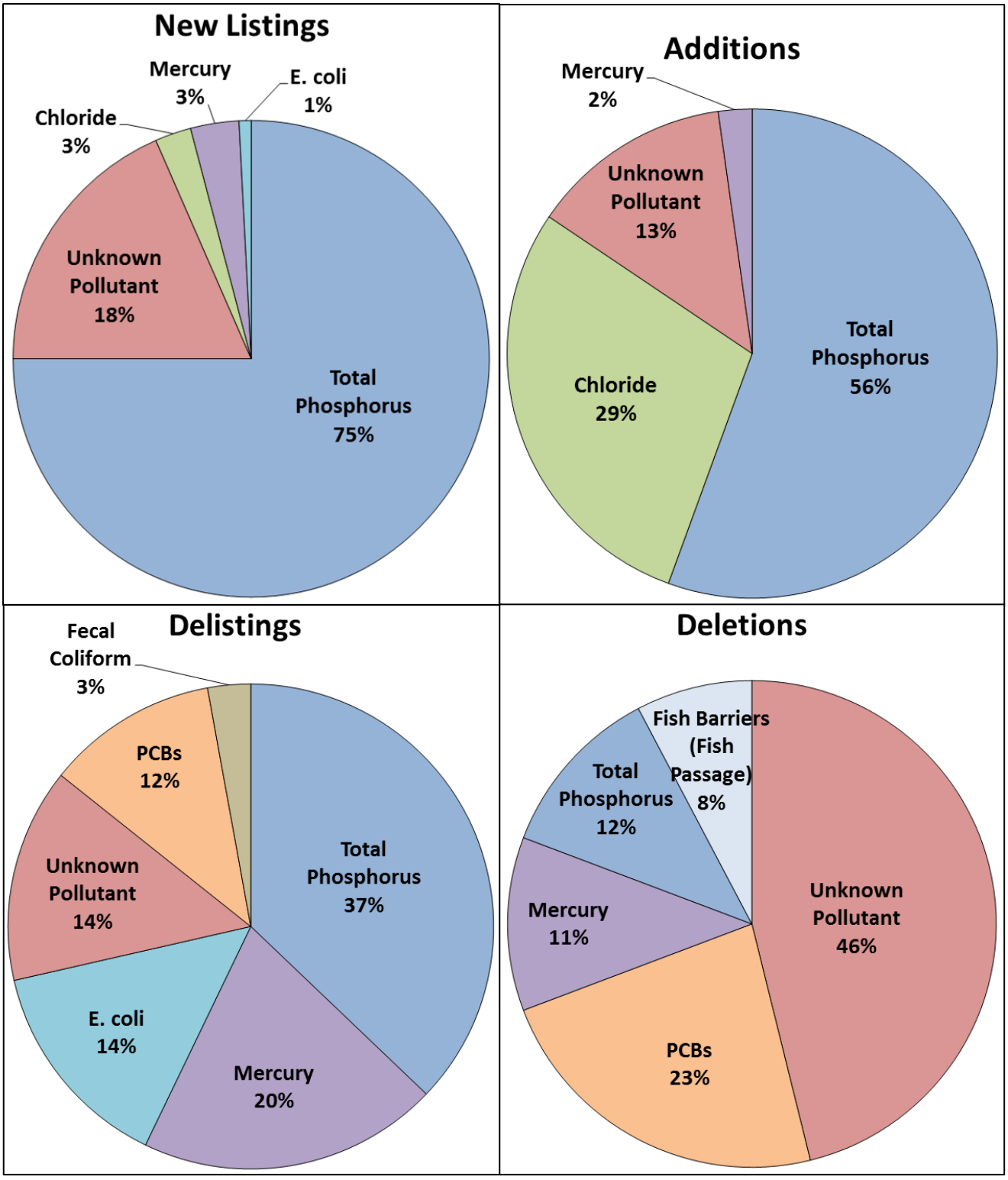
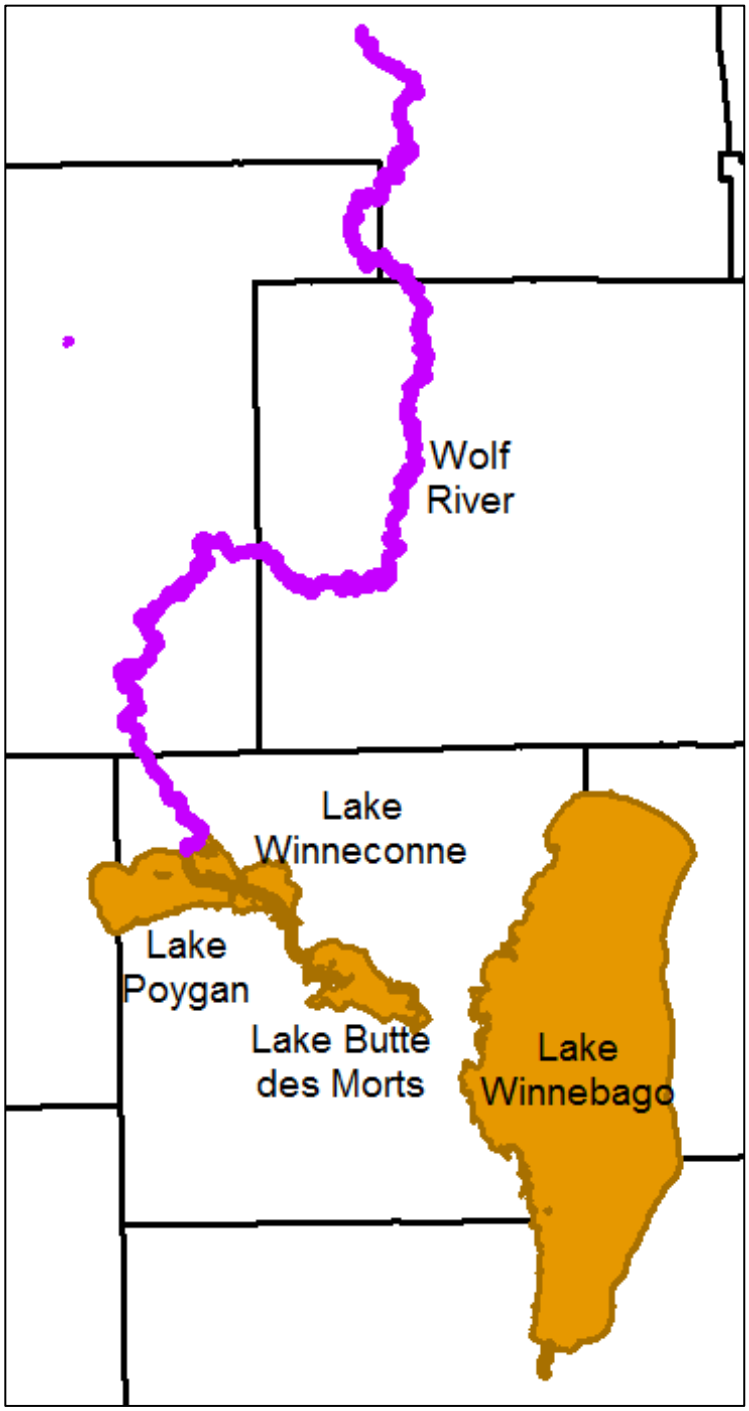


Figure 23. 2018 impaired waters list changes by pollutant. The 'Unknown Pollutant' listings are associated with either elevated water temperature or degraded biological community.



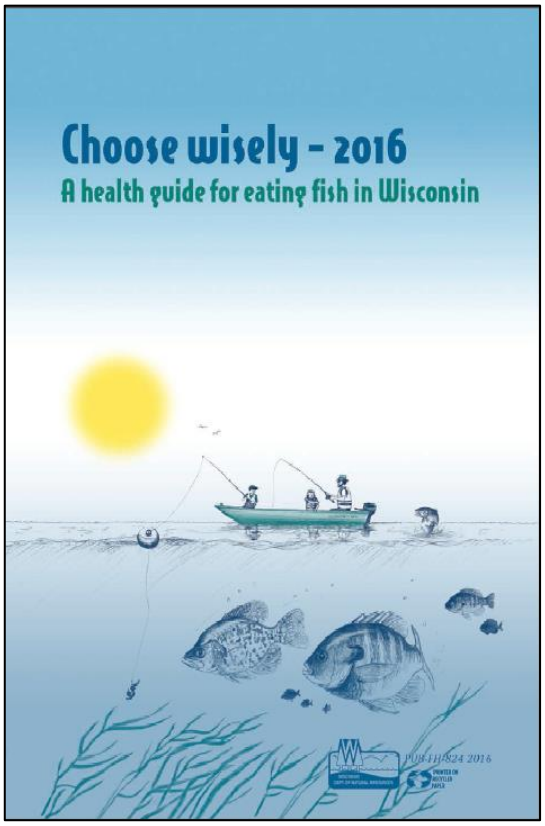


Figure 24. PCB listing deletions based on the removal of special fish consumption advice. About 110 miles of the Wolf River were delisted for PCBs and over 159,000 lake acres had their PCB listing deleted.

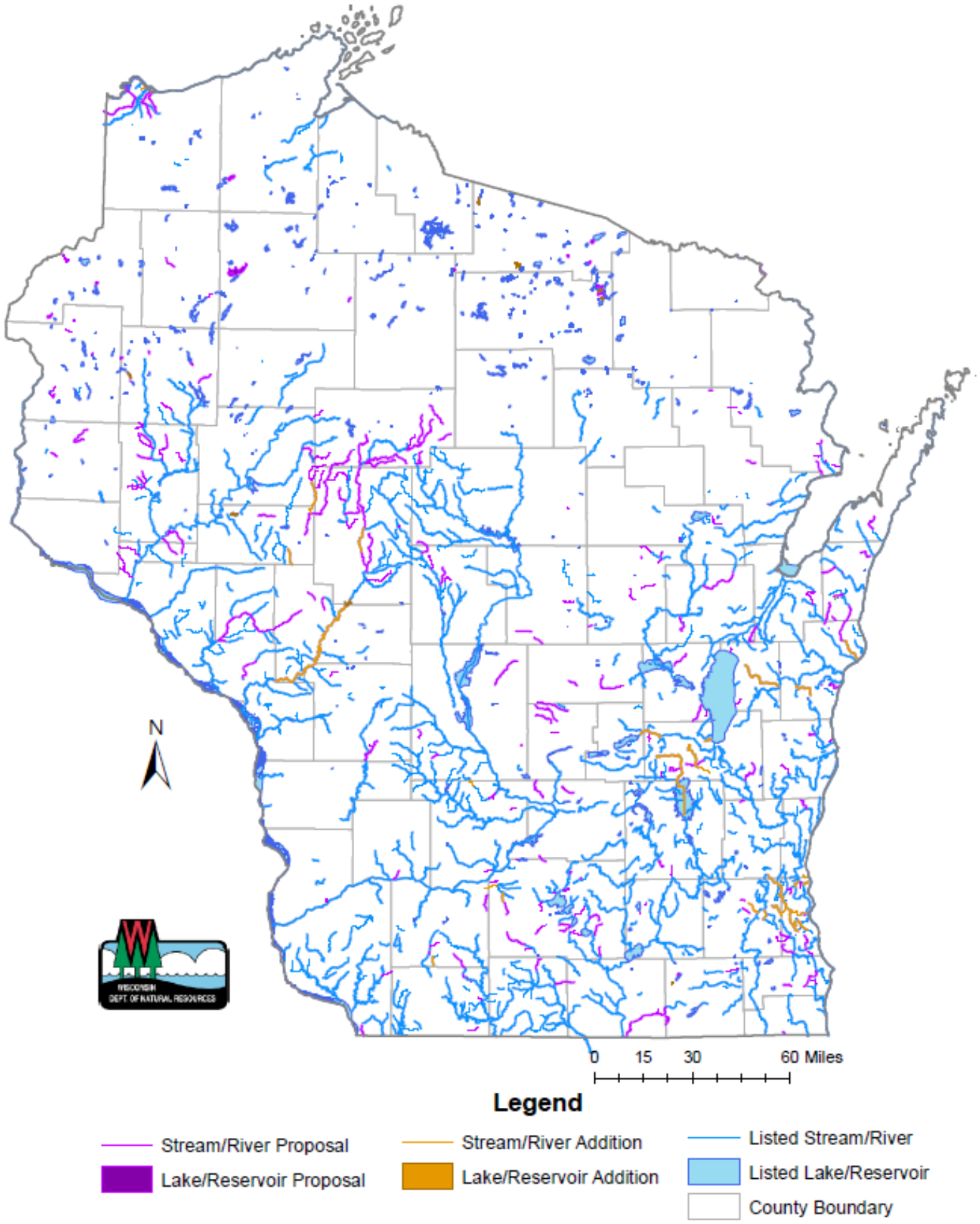


Figure 25. Full proposed 2018 impaired waters list (Categories 4 & 5). Blue waters are ones approved by the EPA on the 2016 list. Purple waters are proposed for listing in 2018 and have never been listed before. Brown/orange waters are listed but have a new pollutant added in 2018.

Summary of Pollutants

The full 2018 list has 1,957 pollutant/impairment listings. Of those listings a large portion, 47%, are for total phosphorus (Figure 26). The majority of pollutant listings prior to 2012 were for mercury, but this does not mean that total phosphorus has become an issue in just the past 6 years. Phosphorus is recognized as the controlling factor in plant and algae growth in Wisconsin's lakes and streams; waters with excess algal growth have been an issue for decades. In an effort to protect human health surface water quality criteria for total phosphorus were promulgated, made law, and enacted, in 2010. From the 2012 cycle on impairment assessments have compared water quality data against the phosphorus criteria in code, which has allowed for the objective identification of waters that are impaired for total phosphorus. With these waters identified, the issues associated with high levels of phosphorus can be addressed with the help of grant money aimed at listed waters (USDA Environmental Quality Incentives Program, Targeted Runoff Management (TRM) grants, EPA Section 319 Grant, among others).

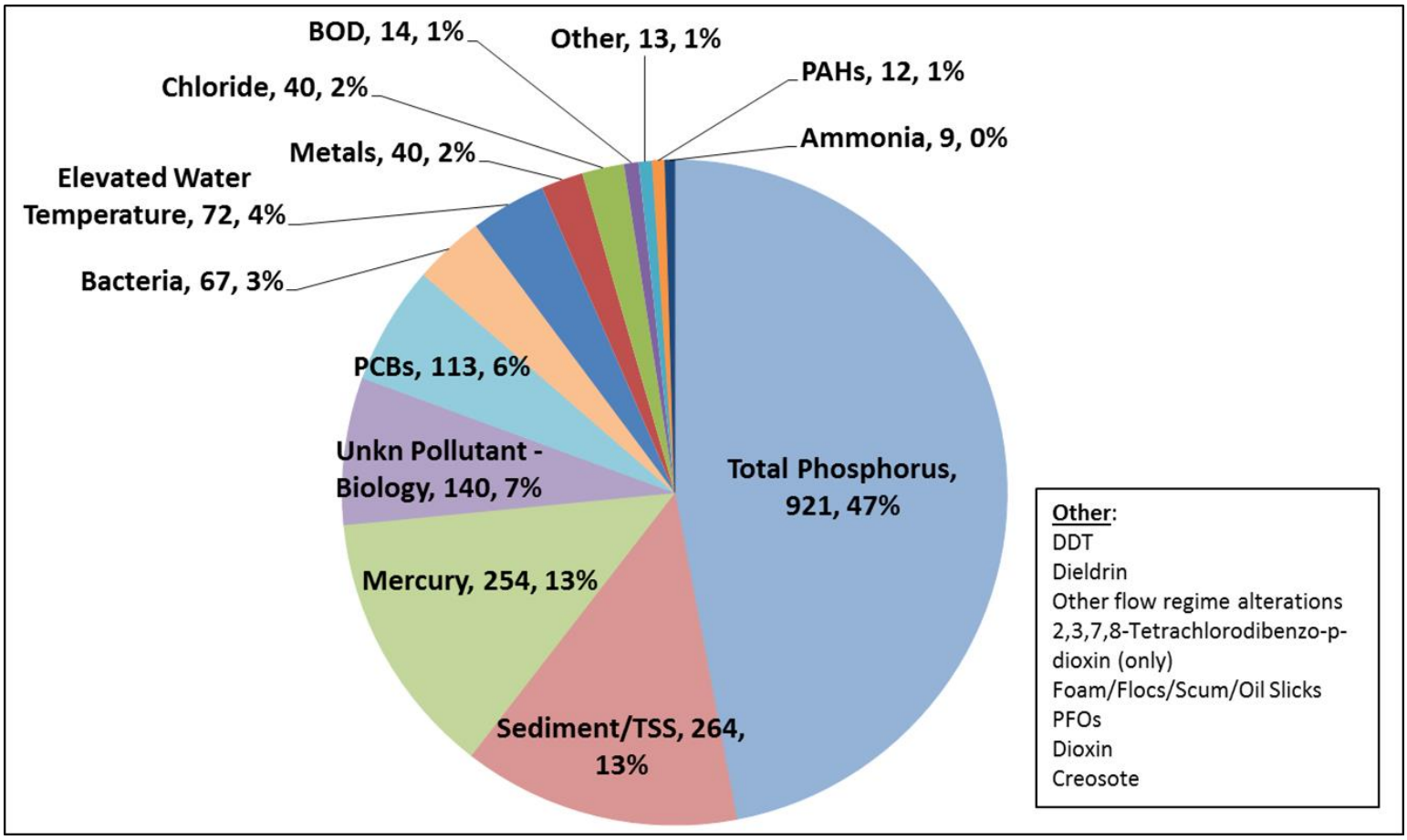


Figure 26. Pollutants on the 2018 impaired waters list.

Summary of Pollutants and Impairments by Designated Use

Each waterbody can have multiple pollutant listings and each pollutant can have multiple impairments. Additionally, each waterbody can have one pollutant listed for multiple designated uses. In the figures below the pollutants and impairments are summarized by waterbody miles or acres and by designated use. The sum of miles/acres for any waterbody type will be greater than the total number of listed miles/acres because waters can be listed for multiple pollutants and impairments. In past reports this information was displayed in tables; for the sake of comparison these tables have been placed in Appendix B. This summary is for the entire 303(d) impaired waters list, not just the proposed changes.

Recreation Use

Examples of recreation across Wisconsin – kayaking, swimming, tubing, enjoying the beach, and fishing. Photo credits, left to right, Jake Dickmann, Shawn Giblin, Lisa Helmuth, and Wisconsin DNR.

Recreational (REC) use includes any activity where there is contact with the water, which in Wisconsin covers a large number of activities like boating, fishing, tubing, camping, swimming, and snorkeling. Waters are assessed for parameters like *E. coli* bacteria, phosphorus, algae (chlorophyll-a), and toxins (mercury, PCBs) in order to protect people using the water for recreation.

Swimmers in Lake Kegonsa, a lake listed for total phosphorus, excess algal growth, and eutrophication. Photo by Susan Sylvester.

In lakes and impoundments, the largest percentage of acres are listed for total phosphorus (94% and 99% respectively) and corresponding excess algal growth (81% and 46% respectively; Figure 27 and Figure 28). Some excess algal growth impairments are associated with an unknown pollutant; these are cases where phosphorus, a known cause of algal growth, was not above the recreational criteria. In these cases, further investigations need to be done. Waterbodies with excess algal growth are still usable for recreational purposes, but during algal blooms it is best to avoid contact with the water. For more information on algal blooms and safe swimming please refer to the DNR's Blue-Green Algae website (http://dnr.wi.gov/lakes/bluegreenalgae/Default.aspx) or the Wisconsin Department of Health (DHS) website on algal blooms (https://www.dhs.wisconsin.gov/water/bg-algae/defined.htm).

A small number or lake acres are listed for *E. coli* bacteria and associated recreational use restrictions (Figure 27). All river and stream miles impaired for REC, about 160 miles, are listed for bacteria, largely Fecal coliform (Figure 30). All impaired beaches are listed for *E. coli*, though fewer than 13 miles of beach are listed statewide (Figure 31).

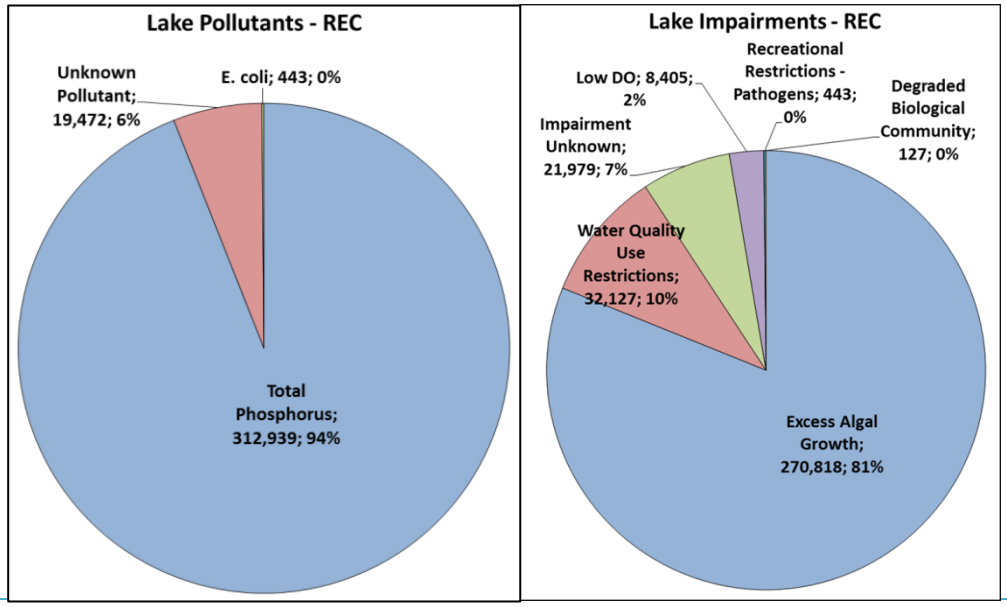


Figure 27. Pollutants and impairments in lakes for recreational use by percentage of acres. The number of acres is displayed with the percentage.

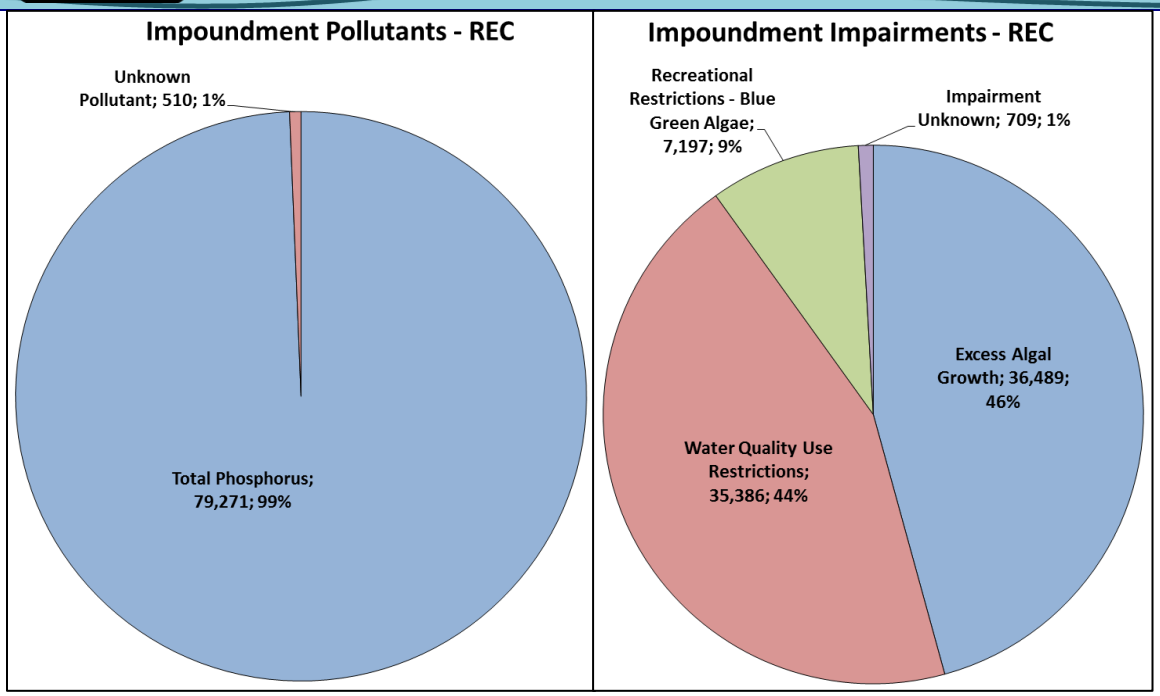


Figure 28. Pollutants and impairments in impoundments for recreational use by percentage of acres. The number of acres is displayed with the percentage.

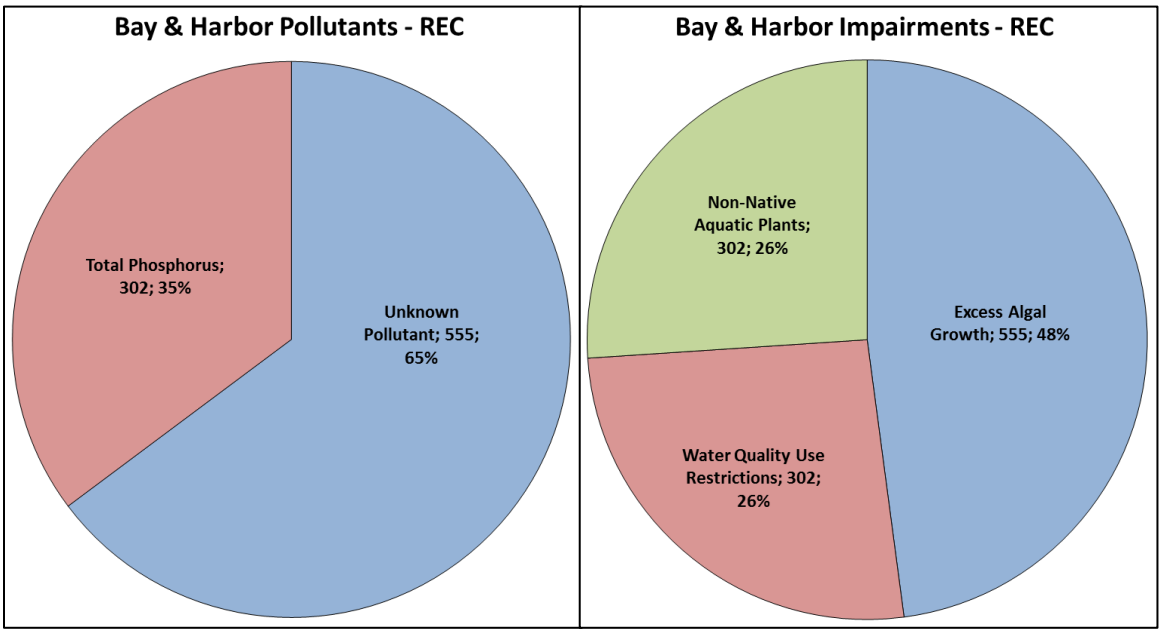


Figure 29. Pollutants and impairments in bays and harbors for recreational use by percentage of acres. The number of acres is displayed with the percentage.

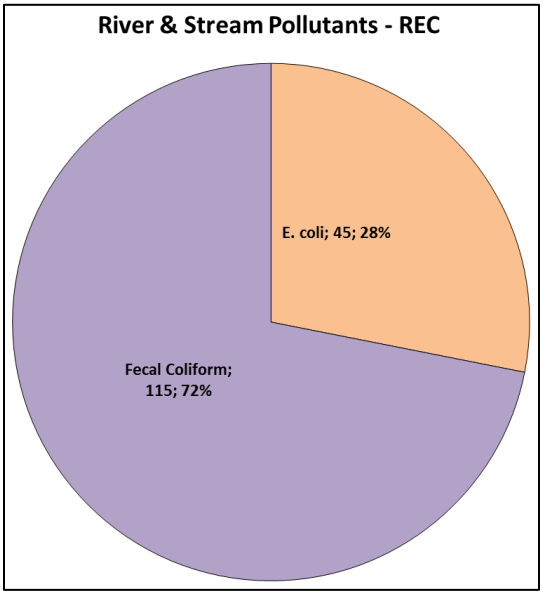


Figure 30. Pollutants in rivers and streams for recreational use by percentage of miles. The impairment associated with all REC listings in this case is Recreational Restrictions - Pathogens. The number of miles is displayed with the percentage.

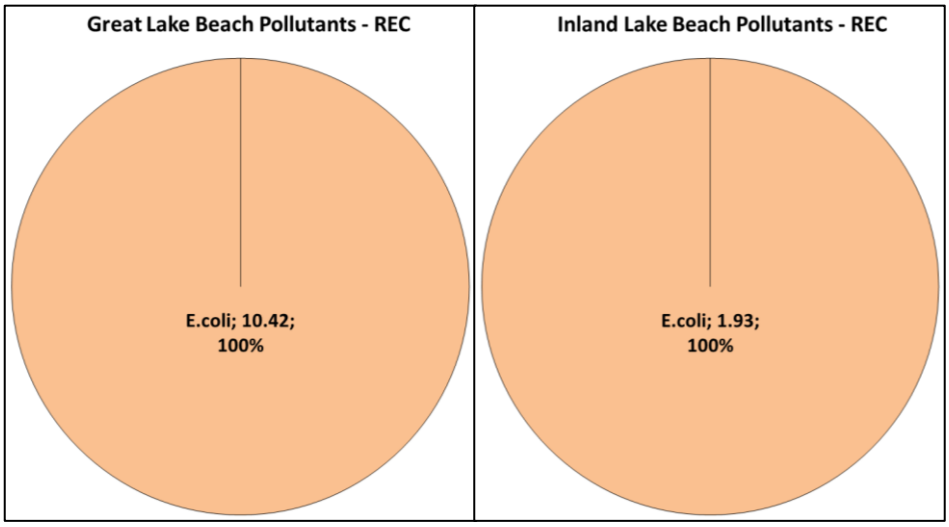


Figure 31. Pollutants in Great Lake and inland lake beaches for recreational use by percentage of miles. The impairment associated with all REC listings in this case is Recreational Restrictions - Pathogens. The number of miles is displayed with the percentage.

Fish and Aquatic Life Use

Examples of aquatic organisms that use the waters of Wisconsin as essential habitat for part or all of their life cycle. From left to right these photos show heelsplitter mussel, mayfly larvae, northern leopard frog, dragonfly, Iowa darter, white bass, and tiger musky.

Fish and Aquatic Life (FAL) use protects the organisms that live in a waterbody and aims to maintain a healthy aquatic community. Waters are assessed for parameters like phosphorus, algae (chlorophyll-a), toxins (mercury, PCBs, chloride), temperature, and dissolved oxygen in order to protect the organisms. A FAL listing is specific to the aquatic organisms and is not applicable to use by humans, meaning, for example, that a FAL temperature listing means the water is too warm for the fish, but is not too warm for people.

There are a large number of pollutant and impairment types under FAL listings. In all waterbody types total phosphorus is the most prevalent pollutant for FAL use listings. In Bays & Harbors total phosphorus is nearly matched to sediment/total suspended solids (Figure 34). Sediment/total suspended solids is the second most prevalent pollutant in all waterbody types assessed for FAL. Rivers and streams are a major corridor for human activity including industry, shipping, and transportation and as such have been heavily used for these purposes. Due to this heavy use the variety of pollutants found in rivers and streams is higher than in other waterbody types, some being legacy pollutants like PCBs and heavy metals (Figure 35).

Eutrophication is the most prevalent impairment in lakes and impoundments (Figure 32 and Figure 33). In Bays and harbors, environments with a large amount of disturbance, contaminated sediment, degraded habitat, and low dissolved oxygen are all equally prevalent (Figure 34). For rivers and streams the largest percentage of impairment is unknown (31%), indicating that more information is needed on those waterbodies (Figure 36).

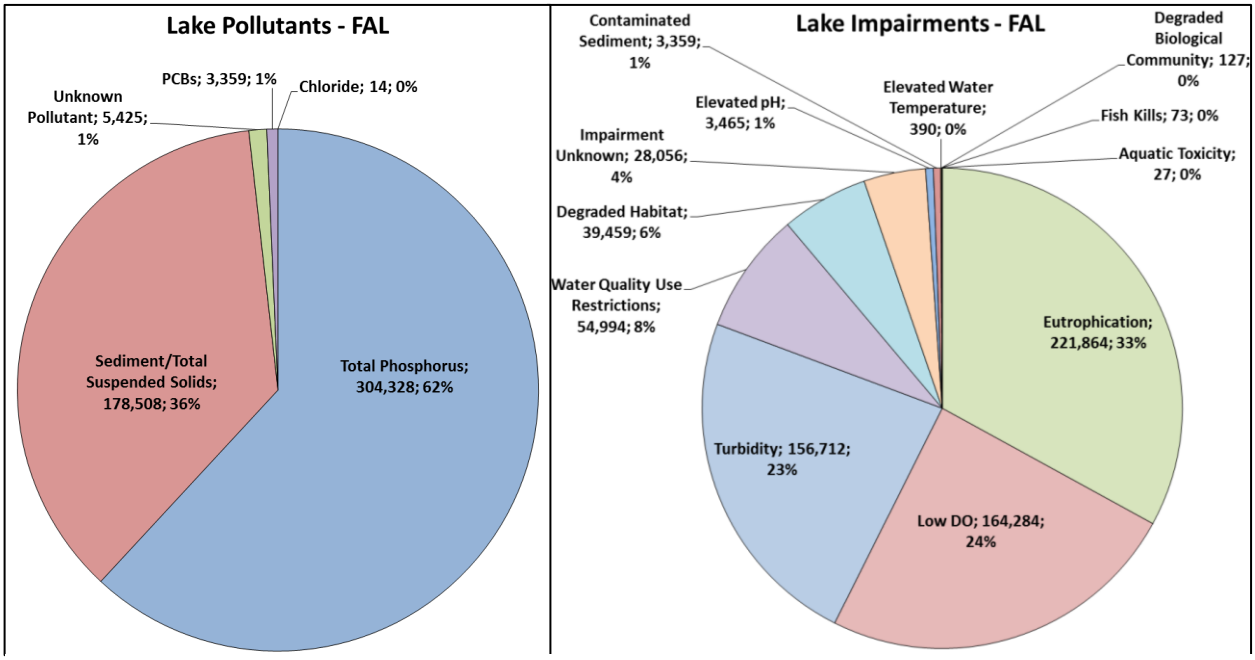


Figure 32. Pollutants and impairments in lakes for Fish and Aquatic Life use by percentage of acres. The number of acres is displayed with the percentage.

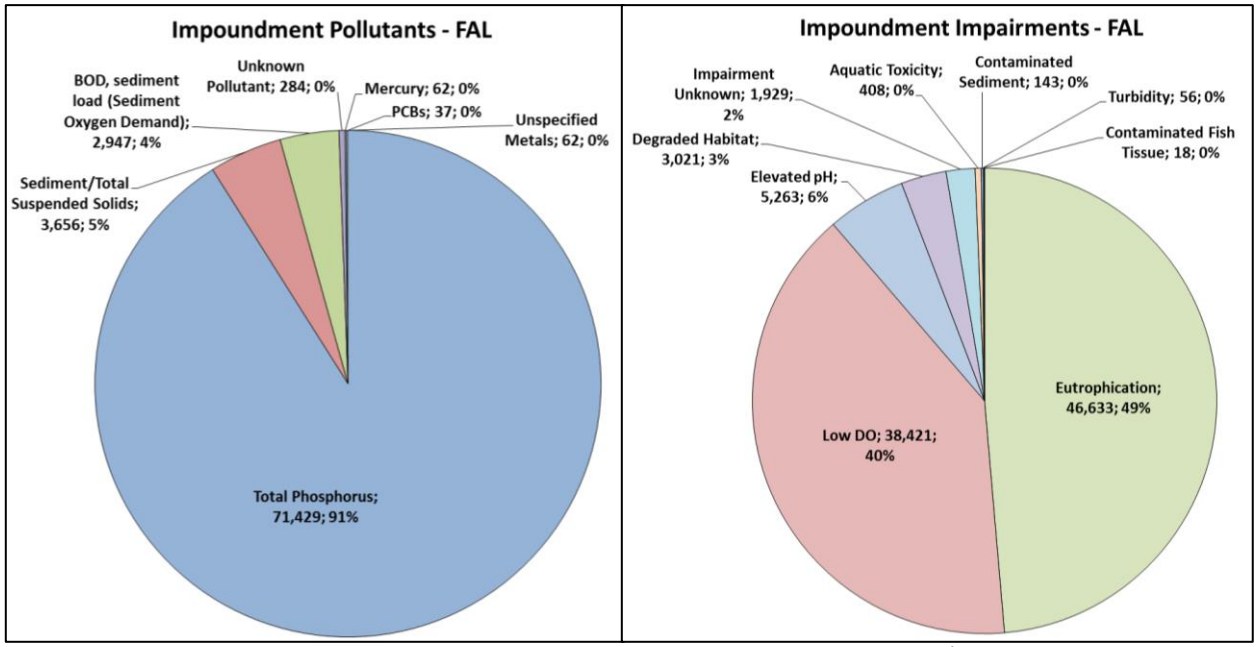


Figure 33. Pollutants and impairments in impoundments for Fish and Aquatic Life use by percentage of acres. The number of acres is displayed with the percentage.

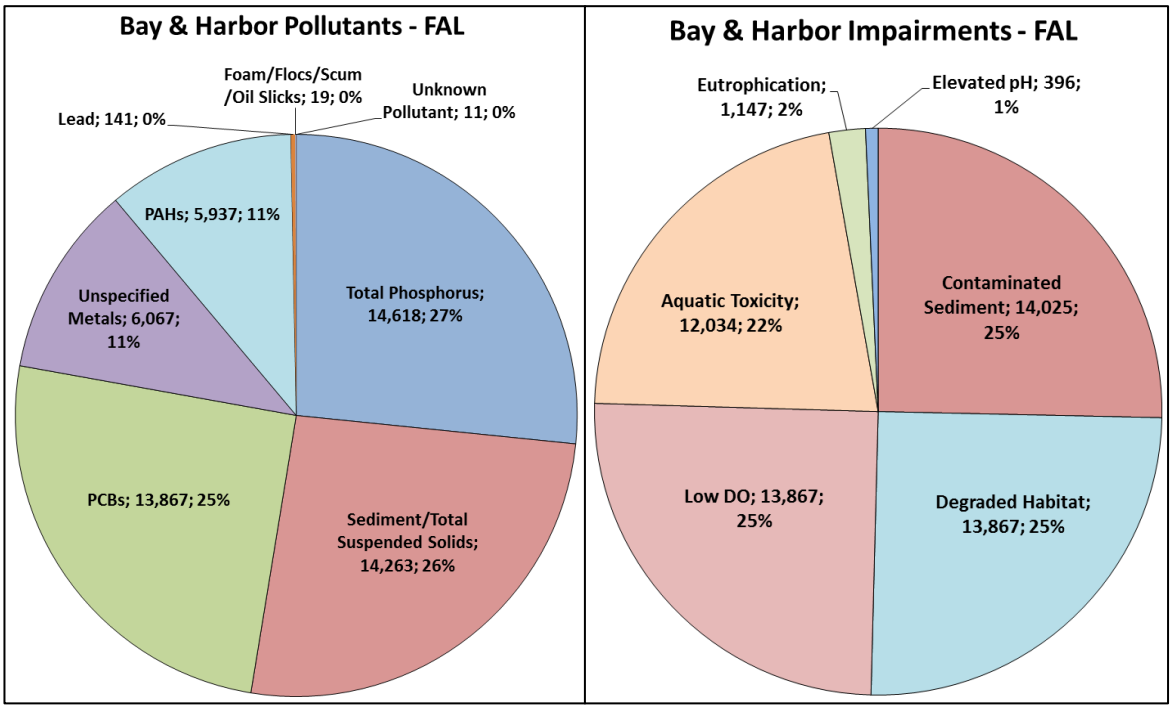


Figure 34. Pollutants and impairments in bays and harbors for Fish and Aquatic Life use by percentage of acres. The number of acres is displayed with the percentage.

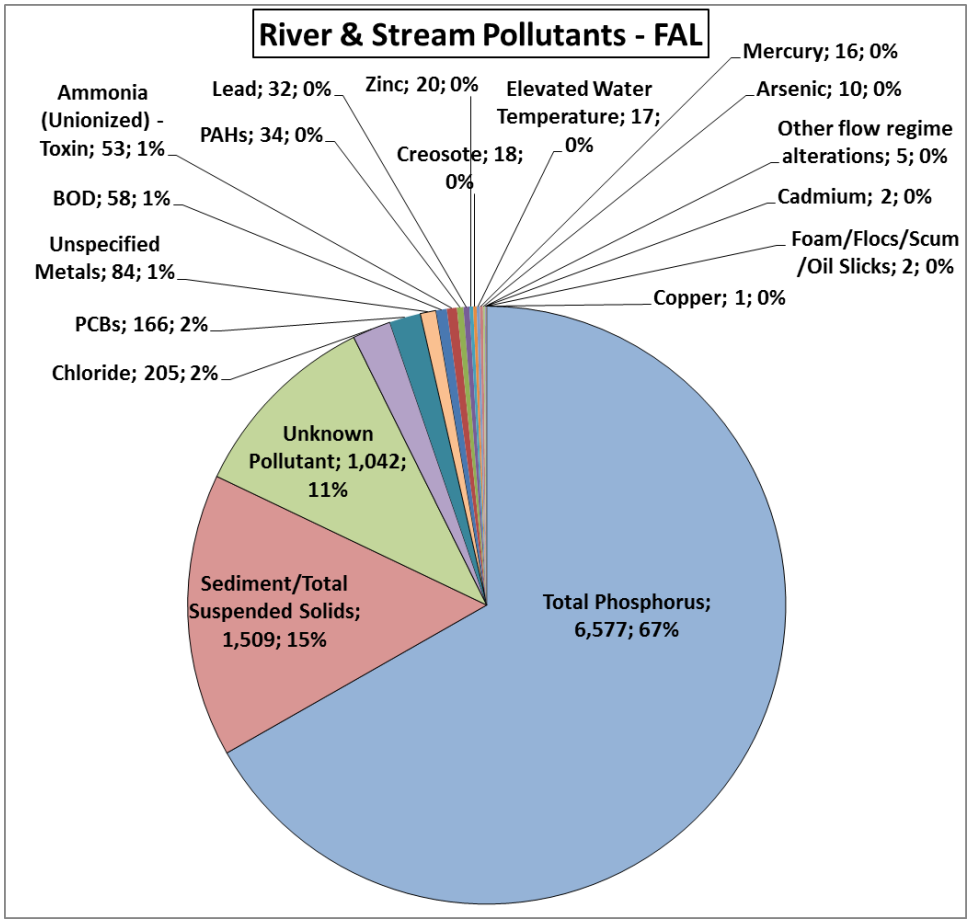


Figure 35. Pollutants in rivers and streams for Fish and Aquatic Life use by percentage of acres. The number of miles is displayed with the percentage.

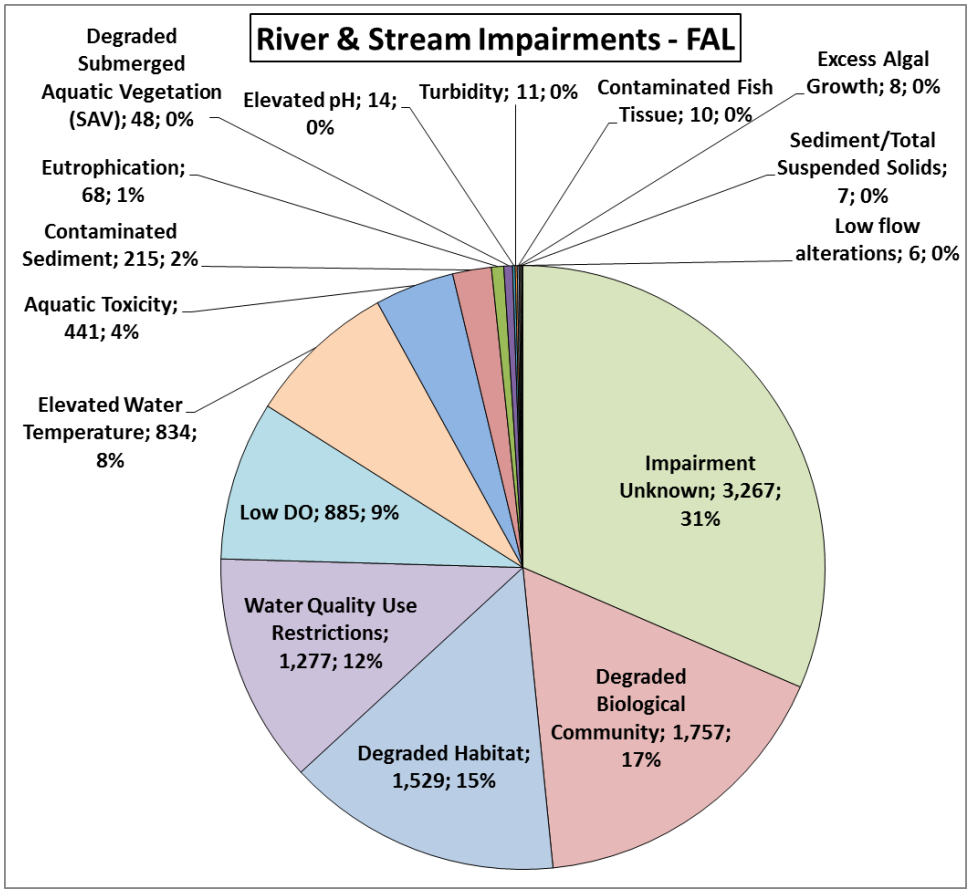


Figure 36. Impairments in rivers and streams for Fish and Aquatic Life use by percentage of acres. The number of miles is displayed with the percentage.

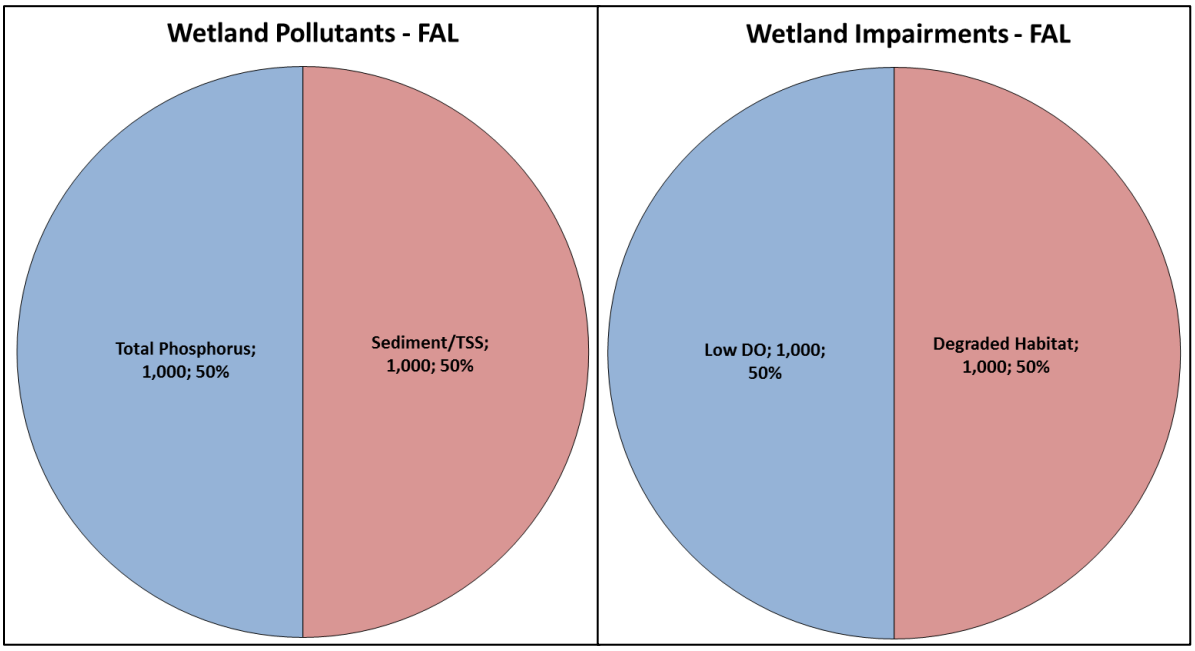


Figure 37. Pollutants and impairments in wetlands for Fish and Aquatic Life use by percentage of acres. The number of acres is displayed with the percentage.

Fish Consumption

Wisconsin citizens enjoying the fishing resources of the state's waters. Middle picture is DNR employee showing fish from a lake survey.

Fishing is a well-loved pastime in Wisconsin. The Fish Consumption (FC) use protects human health when consuming fish from local waterbodies. Toxicologists test fish tissue samples for toxins such as mercury, PCBs, PAHs, and dioxin, amongst others. The impaired waters list builds off of the state's current Fish Consumption Advisory list, available online. If a waterbody has a specific fish consumption advisory for a certain substance like mercury or PCBs then it is placed on the impaired waters list. To find out if your waterbody has a specific fish consumption advisory you can look on the list linked above or use the online search tool found here:
https://dnr.wi.gov/FCSExternalAdvQry/FishAdvisorySrch.aspx

A meal with baked fish.

In lakes and impoundments mercury is the largest percentage of pollutants with a fish consumption advisory (Figure 38 and Figure 39). In bays, harbors, rivers, streams, and Great Lake Shoreline, PCBs (polychlorinated biphenyls) are the largest percentage of pollutants with a fish consumption advisory (Figure 38, Figure 40, and Figure 41). A small percentage of impoundment acres (20%) and river/stream miles (1%) have fish tissue with dioxins (Figure 39 and Figure 41). In rivers and streams there are also a very small percentage of listings for PFOs (Perfluorooctane sulfonate) (Figure 41).

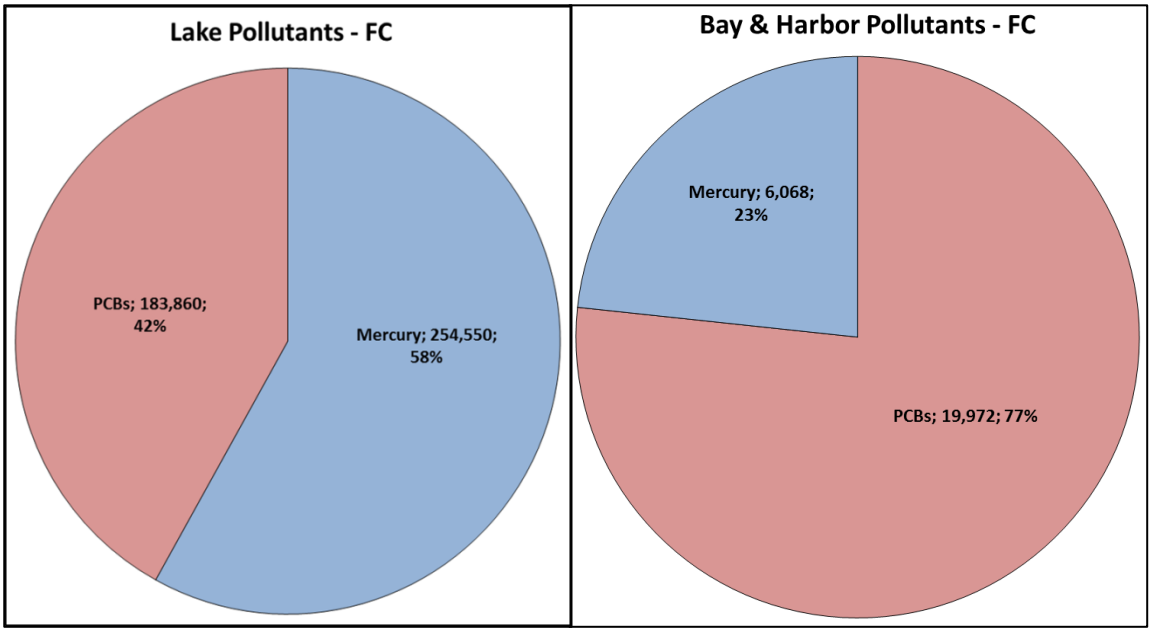


Figure 38. Pollutants in lakes and bays & harbors for Fish Consumption use by percentage of acres. All impairments were Contaminated Fish Tissue. The number of acres is displayed with the percentage.

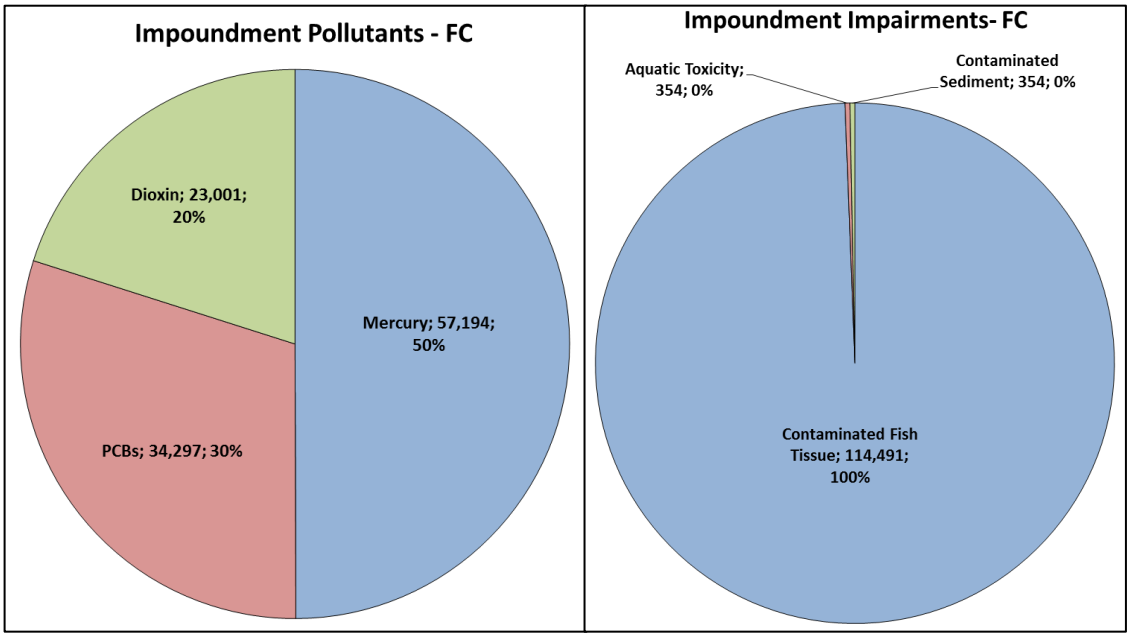


Figure 39. Pollutants in impoundments for Fish Consumption use by percentage of acres. The number of acres is displayed with the percentage.

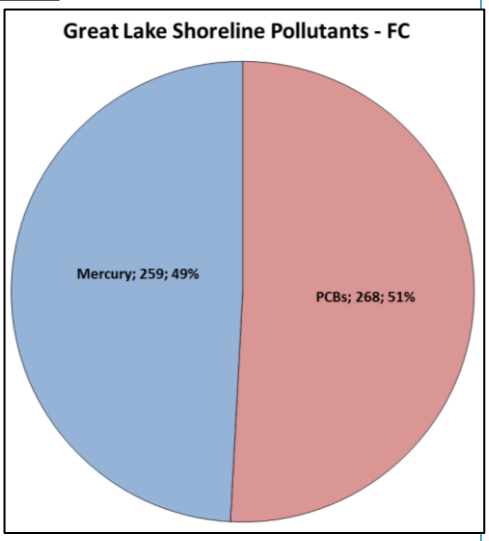


Figure 40. Pollutants for Great Lake Shoreline for Fish Consumption use by percentage of miles. The number of miles is displayed with the percentage.

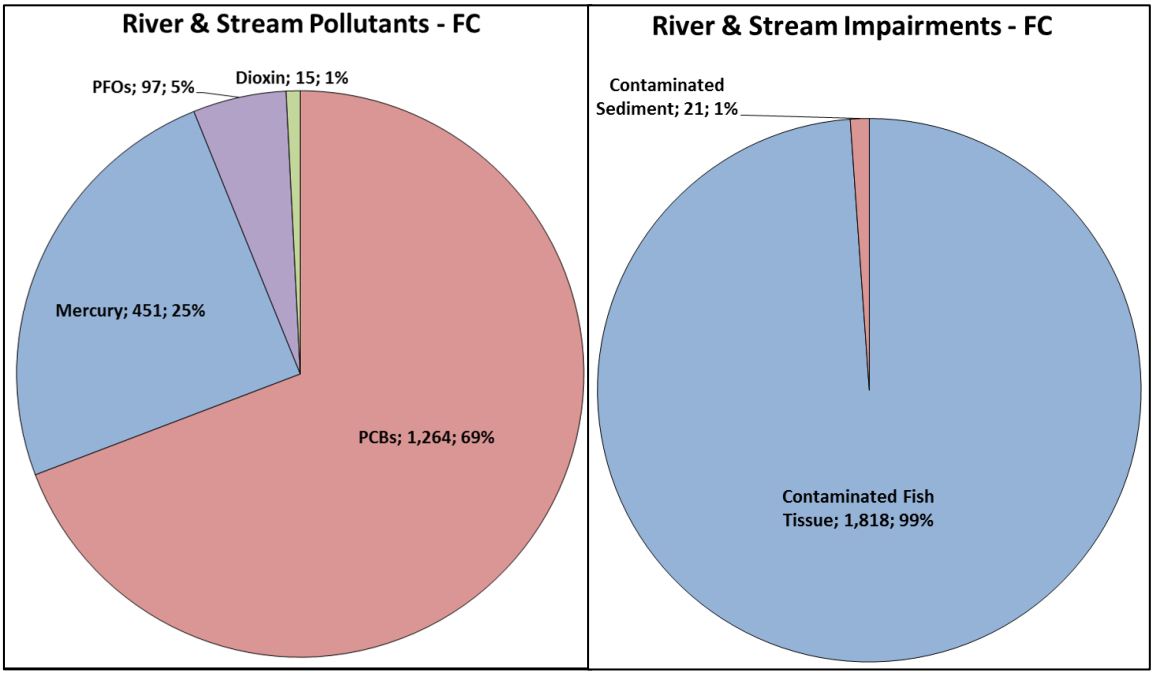


Figure 41. Pollutants in rivers and streams for Fish Consumption use by percentage of miles. The number of miles is displayed with the percentage.

C4. Trends Analysis

Long-Term Phosphorus Trends in Lakes

Anthropogenic nutrient loading is a major stressor of lakes worldwide. Although watershed management efforts have reduced nutrient loading, eutrophication may worsen as agriculture expands, land develops, and precipitation intensifies. The WDNR has been collecting total phosphorus (TP) on 62 lakes for up to 45 years, providing an opportunity to test whether phosphorus concentrations have changed over time. These lakes occur throughout the state in agricultural, urbanized, and forested watersheds and range in size, trophic status, and hydrology. Linear models to test for change in annual mean TP over time.

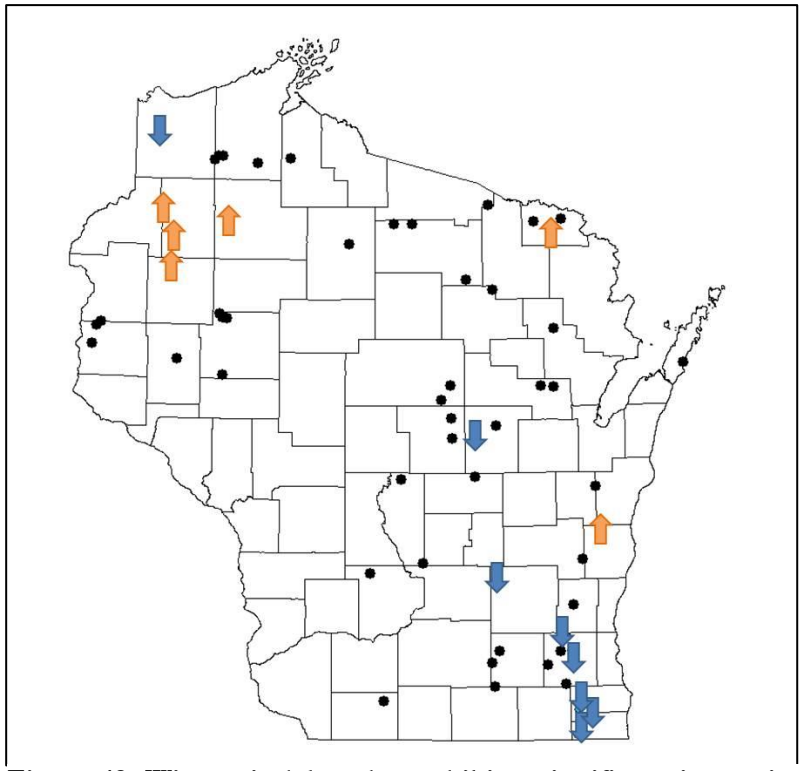


Figure 42. Wisconsin lakes that exhibit a significant increasing (upward orange arrow), significant decreasing (downward blue arrow), or no trend (black circle) in total phosphorus over the past 10 to 45 years.

Total phosphorus significantly increased in six lakes, decreased in eight lakes, and did not change in 44 lakes (Figure 42). Lakes with a decreasing trend were located in southern Wisconsin watersheds with significantly more developed land. These lakes were also shallower (mean maximum depth of 29 feet), more eutrophic (median total phosphorus of 56 ug/L), and had an earlier period of record dating back to the mid-1970's. In contrast, most lakes with an increasing TP trend were deeper (mean maximum depth of 67 feet), oligotrophic or mesotrophic (median TP of 12 ug/L), and had a more recent period of record dating back to the late 1980's. Lakes with increasing TP trends were in forested, northern watersheds.

Secchi disk reading being taken on Sunset Lake. Photo by Amy Kowalski.

Long-term data sets such as the one just outlined elucidate trends in time and space and provide opportunity to understand causes of change, be they environmental drivers or the result of direct management actions. The department is expanding the phosphorus analysis to include lakes monitored by citizen volunteers. Thousands of citizen scientists have monitored water clarity and phosphorus concentrations since the late 1980s. The new analysis of trends in water quality over time will include many more lakes, and a variety of parameters including: Secchi depth, total phosphorus, Total Kjeldahl Nitrogen, nitrate and nitrite, alkalinity, calcium, magnesium, color, and chlorophyll a. This data set includes over 200,000 records on ~1500 lakes going back to 1968 with up to 34 years of data on a single lake.

Water Clarity and Nutrient Trends Based on Published Literature

Looking at large, regional patterns across the Upper Midwest and Northeast, water clarity varied year to year, but generally stayed the same on most lakes. That's what Noah Lottig and colleagues found when they dug into 140,000 regional water clarity measurements made by citizens from 1938 to 2012. Though water clarity didn't change over time on 89% of lakes, it did become clearer on 7% and more turbid on 4% of lakes. The strongest water clarity improvements occurred before the 1970's. A separate study by Kevin Rose and others used satellite imagery to track water clarity trends in Wisconsin lakes since 1991. These researchers' results concurred: water clarity did not trend in one direction on most lakes. However, unlike Lottig's regional study, this Wisconsin-based study of a more recent time frame found water clarity worsened on 23% of lakes.

Similarly, a recent study found that nutrient and chlorophyll-*a* concentrations have not changed since 1990 in most Midwestern and Northeastern lakes. Samantha Oliver and colleagues analyzed trends over time in 2913 lakes, many of which were in Wisconsin. Total Nitrogen (TN) was the only variable that trended over time, with an overall decrease of 1.1% per year from 1990 to 2011 in the entire population of lakes. The decline in TN is likely a response to reduced atmospheric deposition as a result of the Clean Air Act. Across the entire region, TP increased in 7% of lakes and decreased in 9% of lakes, and chlorophyll-*a* increased in 10% and decreased in 5% of lakes. Although this study does not give statistics for Wisconsin alone, the maps show that TN did not significantly change over time in Wisconsin lakes. Total Phosphorus and chlorophyll-*a* exhibited no trend, increasing and decreasing trends in Wisconsin.

References

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Long-Term Water Quality Trends in Wisconsin Rivers

As described in the monitoring strategy section, the WDNR has been monitoring water quality at 38 river stations for periods of 15 to 55 years. Long-term trends in these datasets were analyzed with the Fluxmaster model, which estimates linear trends while controlling for the effects of discharge and season on water quality.

River water quality trends were highly variable among parameters and regions of the state. Concentrations of total phosphorus and total suspended solids have decreased in most rivers over the last several decades. In contrast, concentrations of chloride and nitrate have increased in most rivers over this period. The largest reductions in total phosphorus occurred in southern Wisconsin, and many of the rivers with large phosphorus reductions also had large suspended solids reductions. Nitrate concentrations increased in most rivers in agricultural basins in Wisconsin. Chloride concentrations increased in nearly all rivers in Wisconsin, even in mostly forested basins.

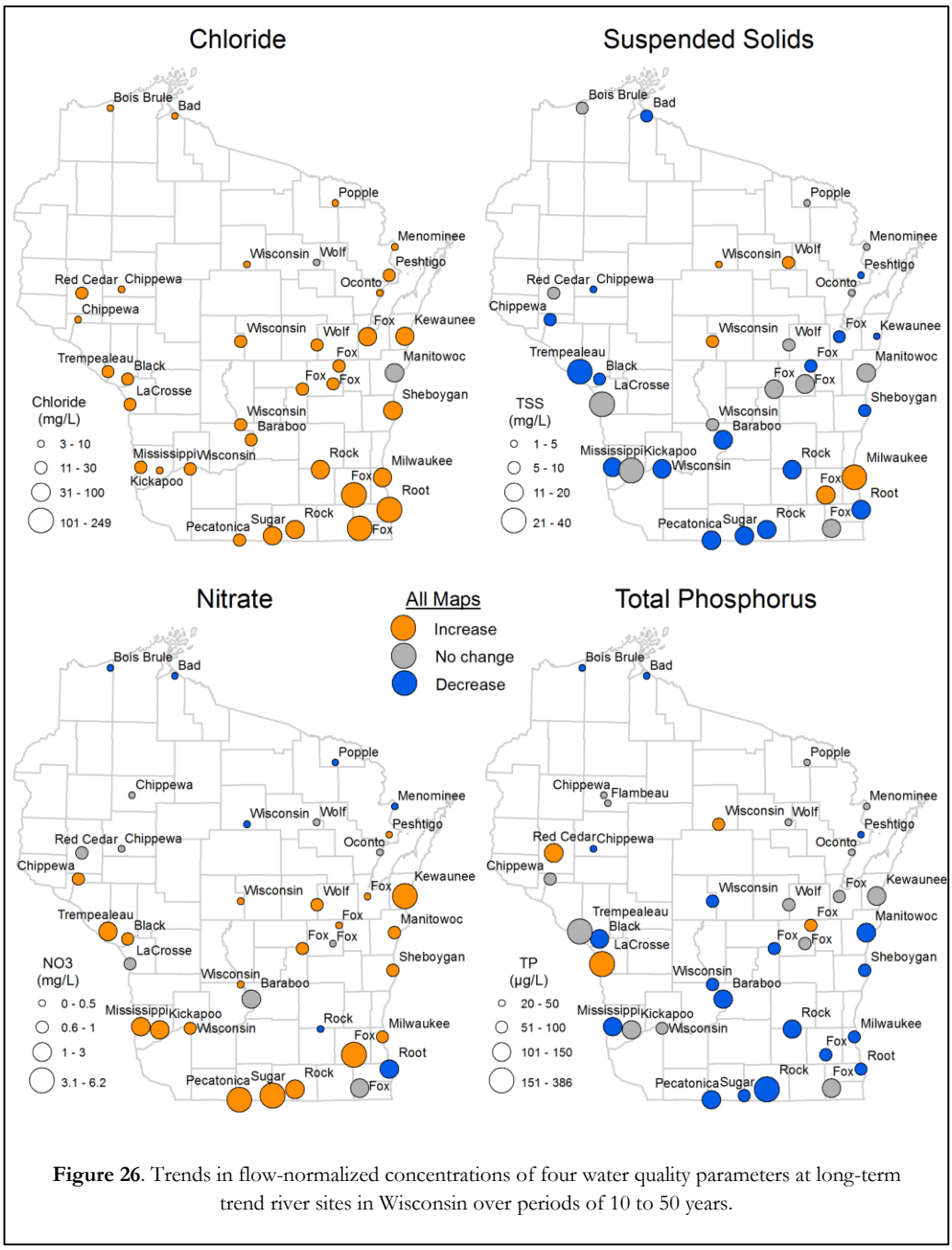

Figure 26. Trends in flow-normalized concentrations of four water quality parameters at long-term trend river sites in Wisconsin over periods of 10 to 50 years.

The reasons for these trends are likely a combination of changes in land management practices, including agricultural production systems, erosion control, and nutrient management, improvements in wastewater treatment, and increases in road salt use. Further analyses will evaluate non-linear trends to identify periods where the most significant changes occurred, and will determine whether trends vary among seasons. These more detailed analyses will provide more certainty about the causes of improvements and declines, and will help target where and when further work is needed.

C5. Groundwater

The Groundwater Coordinating Council prepares an annual report each year that summarizes the operations and activities of the council, describes the state of the groundwater resource and its management, and makes recommendations. The report is due each August for the preceding fiscal year. The latest report is for fiscal year 2017 (July 1, 2016 – June 30, 2017) and is contained on the WDNR website: http://dnr.wi.gov/topic/Groundwater/GCC/.

Drilling a well on rural property.

D. Public Participation

Continued Public Participation in Developing the 2018 Integrated Report

One of Wisconsin's goals for the 2018 assessment cycle was to provide opportunity for public participation, and greater transparency about our listing process. To accomplish this, staff provided several opportunities to the public, as shown below.

A **solicitation for public data** was announced in a press release and sent to interested parties through the WDNR's GovDelivery service on December 28, 2016, and publicly submitted data were accepted through January 31, 2017. This data solicitation was also publicized via public notice on the WDNR's website. An electronic mailbox was used to encourage on-line comment submittal. Nine entities submitted data for consideration; they are listed in Section C2. All public data were required to meet certain quality assurance measures to qualify for use in 303(d) listing decisions.

Once the draft 2016 Impaired Waters list was developed, a **public comment period** was held from November 15, 2017 through January 8, 2018 and announced through a press release and on WDNR's website.

A **public 'webinar'** (a live online presentation) was held on December 13, 2017. Many stakeholder groups and citizens joined the live webinar, which was also recorded and posted online for future viewing. The webinar presentation described the process for Impaired Waters listing and the overall context of CWA requirements for reporting. A statistical summary of listed waterbodies was presented, and participants were shown how to use WDNR's enhanced website to find specific waterbodies or query information. The webinar was informational only; while participants were able to use a 'chat' feature to submit questions during the webinar, they were instructed to submit formal comments separately.

Public comments on the draft 2018 impaired waters list were compiled, responses drafted, and edits made to the impaired waters listings in response to comments. Comments from approximately 153 citizens or organizations were received. A majority of respondents (131) expressed support for the proposed listing of Lac Courte Oreilles for dissolved oxygen, but requested that the pollutant be changed from 'Unknown' to 'Total Phosphorus'. Other comments were in regard to specific waterbody assessments. WDNR's responses to public comments are included in this Integrated Report submittal package to EPA.

Questions about the Impaired Waters List or WDNR's Impaired Waters Program can be submitted electronically to DNRImpairedWaters@wisconsin.gov or mailed to the Water Evaluation Section, Wisconsin DNR, P.O. Box 7921, WT/2, Madison, WI 53707-792.

Appendices

Appendix A. Wisconsin's Full 2018 Draft List

Appendix B. 2018 Impaired Waters List Pollutant and Impairment Summary Numbers

Appendix A

Wisconsin's Full 2018 Draft List

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Adams Valley Creek	Adams Valley Creek	RIVER	14002	10008303	1653700	La Crosse	1	0	2.57	2.57	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	EAP Project	Not Applicable	TMDL Needed (5A)
Adell Tributary	Unnamed	RIVER	10092	10000275	33000	Sheboygan	1	0	4.96	4.96	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Ahnapee River	Ahnapee River	RIVER	18073	10006107	94800	Door, Kewaunee	1	0	7.86	7.86	MILES	Category 5A	04/01/1998	Other	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Ahnapee River	Ahnapee River	RIVER	18073	10006107	94800	Door, Kewaunee	1	0	7.86	7.86	MILES	Category 5A	04/01/2014	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Ahnapee River	Ahnapee River	RIVER	482923	10008822	94800	Door	2	7.86	14.71	6.85	MILES	Category 5A	04/01/1998	Other	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Allen Creek	Allen Creek	RIVER	13623	10002800	883700	Green, Rock	1	0	10.57	10.57	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
Allen Creek	Allen Creek	RIVER	13625	10010031	883700	Rock	4	15	20.21	5.21	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Allen Creek	Allen Creek	RIVER	13626	10010032	883700	Rock	5	20.22	22.96	2.74	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Allen Creek	Allen Creek	RIVER	5542005	10034660	883700	Dane, Green, Rock	6	22.96	26.98	4.02	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Alto Creek	Alto Creek	RIVER	11414	10001261	835900	Dodge	1	0	6.15	6.15	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Low flow alterations, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Amacoy Lake	Amacoy Lake	LAKE	15269	10003999	2359700	Rusk	1			282.53	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Amik Lake, Pike Lake Chain	Amik Lake	LAKE	14815	10003623	2268600	Vilas	1			140.81	ACRES	Category 5C	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	303d Listed	Low	Natural Conditions (5C)
Amnicon Lake	Amnicon Lake	LAKE	296831	10008205	2858100	Douglas	1			390.23	ACRES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Amnicon River Beach, Lake Superior	Lake Superior	GREAT LAKES BEACH	1487383	10024757	2751220	Douglas	6			0.25	MILES	Category 5A	04/01/2016	PS/NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Anderson Creek	Anderson Creek	RIVER	10987	10000944	133300	Fond du Lac	2	0	7.26	7.26	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	High	TMDL Needed (5A)
Anderson Creek	Anderson Creek	RIVER	10987	10000944	133300	Fond du Lac	2	0	7.26	7.26	MILES	Category 5A	04/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Development	High	TMDL Needed (5A)
Angelo Pond	Angelo Pond	IMPOUNDMENT	14028	10003029	1660400	Monroe	1			39.47	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Anna Lake	Annabelle Lake	LAKE	128391	10007528	2953800	Vilas	1			194.48	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Annis Creek	Annis Creek	RIVER	15664	10004328	2066200	Dunn	1	0	5.97	5.97	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Anodanta Lake	Anodanta Lake	LAKE	20558	10011028	2898200	Bayfield	1			25.89	ACRES	Category 5B	04/01/2018	Atm. Dep.	Mercury	Contaminated Fish Tissue	Proposed for List	Low	Mercury Atm. Dep. (5B)
Apple Branch	Apple Branch	RIVER	18546	10006450	899800	Lafayette	3	4.9	7.67	2.77	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Apple Creek	Apple Creek	RIVER	313933	10008401	124100	Brown	3	0	3.99	3.99	MILES	Category 4A	04/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Apple Creek	Apple Creek	RIVER	313933	10008401	124100	Brown	3	0	3.99	3.99	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Apple Creek	Apple Creek	RIVER	10839	10000835	124100	Brown, Outagamie	2	3.99	23.88	19.89	MILES	Category 4A	04/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Apple Creek	Apple Creek	RIVER	10839	10000835	124100	Brown, Outagamie	2	3.99	23.88	19.89	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Apple River Flowage	Apple River Flowage	LAKE	16550	10005025	2624200	Polk	1			604.51	ACRES	Category 5A	04/01/2012	Unknown	Total Phosphorus	Water Quality Use Restrictions, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Arbutus Lake	Arbutus Lake	LAKE	18119	10006143	181400	Forest	1			163.18	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Arbutus Lake	Arbutus Lake*	LAKE	14235	10003168	1727700	Clark, Jackson	1			773.8	ACRES	Category 5A	04/01/1998	Other	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Arbutus Lake	Arbutus Lake*	LAKE	14235	10003168	1727700	Clark, Jackson	1			773.8	ACRES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	Low	Phosphorus Listed (5P)
Arkansaw Creek	Arkansaw Creek	RIVER	15612	10004288	2055300	Pepin	1	0	9.01	9.01	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Arrowhead River	Arrowhead River	RIVER	10750	10000777	241700	Winnebago	1	0	6.5	6.5	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	High	TMDL Needed (5A)
Ashippun River	Ashippun River	RIVER	11543	10038700	853800	Dodge, Jefferson, Washington, Waukesha	1	0	33.17	33.17	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Ashwaubenon Creek	Ashwaubenon Creek	RIVER	10834	10000832	122200	Brown	1	0	14.15	14.15	MILES	Category 4A	04/01/2008	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Ashwaubenon Creek	Ashwaubenon Creek	RIVER	10834	10000832	122200	Brown	1	0	14.15	14.15	MILES	Category 4A	04/01/2008	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Babb Creek	Babb Creek	RIVER	13003	10002426	1279100	Sauk	1	0	6.42	6.42	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Development	High	TMDL Needed (5A)
Bacon Branch	Bacon Branch	RIVER	18554	10026493	953200	Grant	1	0	5.96	5.96	MILES	Category 5A	04/01/2006	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Bad Axe River	Bad Axe River	RIVER	13966	10008317	1639300	Vernon	1	0	4.26	4.26	MILES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Badfish Creek	Badfish Creek	RIVER	11652	10001446	799500	Dane, Rock	1	0	12.3	12.3	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	Watershed Plan (5W)
Badfish Creek	Badfish Creek	RIVER	11652	10001446	799500	Dane, Rock	1	0	12.3	12.3	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue, Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Badfish Creek	Badfish Creek	RIVER	11653	10001447	799500	Dane	2	12.31	13.18	0.87	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue, Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Badger Mill Creek	Badger Mill Creek	RIVER	13654	10002822	888100	Dane	1	0	2	2	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Medium	TMDL Needed (5A)
Badger Mill Creek	Badger Mill Creek	RIVER	13655	10002823	888100	Dane	2	2	5	3	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Medium	TMDL Needed (5A)
Baird Creek	Baird Creek	RIVER	10681	10000727	118100	Brown	1	0	3.5	3.5	MILES	Category 4A	04/01/2006	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Baird Creek	Baird Creek	RIVER	10681	10000727	118100	Brown	1	0	3.5	3.5	MILES	Category 4A	04/01/2006	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Baird Creek	Baird Creek	RIVER	10682	10000728	118100	Brown	2	3.5	13.1	9.6	MILES	Category 4A	04/01/2008	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Baird Creek	Baird Creek	RIVER	10682	10000728	118100	Brown	2	3.5	13.1	9.6	MILES	Category 4A	04/01/2008	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Baker Creek	Baker Creek	RIVER	11460	10001295	856000	Dodge	1	0	10	10	MILES	Category 4A	04/01/2006	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Ballard Lake (Ballard Chain)	Ballard Lake	LAKE	15235	10003970	2340700	Vilas	1			502.59	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Balsam Lake	Balsam Lake	LAKE	16052	10004640	2112800	Washburn	1			325.39	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Eutrophication, Impairment Unknown, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Baraboo River	Baraboo River	RIVER	944741	10026710	1271100	Sauk, Columbia	6	0	28.16	28.16	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Baraboo River	Baraboo River	RIVER	944788	10010277	1271100	Sauk	7	28.16	60.23	32.07	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Baraboo River	Baraboo River	RIVER	944844	10010278	1271100	Juneau, Sauk	8	60.23	86.79	26.56	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Baraboo River	Baraboo River	RIVER	944915	10010279	1271100	Juneau	9	86.79	101.29	14.5	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Baraboo River	Baraboo River	RIVER	13023	10002442	1271100	Juneau	5	101.35	106.16	4.81	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Baraboo River	Baraboo River	RIVER	12978	10002415	1271100	Monroe	4	108.6	118.93	10.33	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Bark River	Bark River	RIVER	5541890	10034621	813500	Jefferson	4	0	12.46	12.46	MILES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Barker Island Inner Beach	Lake Superior	GREAT LAKES BEACH	1452402	10023510	2751220	Douglas	2			0.4	MILES	Category 5A	04/01/2018	PS/NPS	E. coli	Recreational Restrictions - Pathogens	Proposed for List	Low	TMDL Needed (5A)
Bass Creek	Bass Creek	RIVER	11631	10001431	795800	Rock	1	0	18.1	18.1	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Bass Lake	Bass Lake	LAKE	127945	10007132	969600	Lincoln	1			105.76	ACRES	Category 5B	04/01/2012	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Bass Lake	Bass Lake	LAKE	128740	10008943	970000	Oneida	1			67.45	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Bass Lake	Bass Lake	LAKE	18701	10006837	2279800	Price	1			84.45	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Bass Lake, North	North Bass Lake	LAKE	14929	10003714	1868900	Iron	1			189.97	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Batavia Creek	Batavia Creek	RIVER	10083	10000270	31400	Sheboygan	1	0	4.9	4.9	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Batavia Creek	Batavia Creek	RIVER	10083	10000270	31400	Sheboygan	1	0	4.9	4.9	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Battle Creek	Battle Creek	RIVER	11487	10001315	848300	Waukesha	2	1.81	4.56	2.75	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Bay City Creek	Bay City Creek	RIVER	17627	6936105	2891100	Ashland	1	0	7.77	7.77	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Bear Creek	Bear Creek	RIVER	315668	10008438	267400	Portage	2	1.94	7.23	5.29	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	TMDL Needed (5A)
Bear Creek	Bear Creek	RIVER	10414	10000519	292100	Outagamie, Waupaca	2	8.41	11.98	3.57	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	High	TMDL Needed (5A)
Bear Creek	Bear Creek	RIVER	10414	10000519	292100	Outagamie, Waupaca	2	8.41	11.98	3.57	MILES	Category 5A	04/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Development	High	TMDL Needed (5A)
Bear Creek	Bear Creek	RIVER	9791	10000078	316000	Outagamie	2	0.5	2	1.5	MILES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Bear Creek	Bear Creek	RIVER	9792	10000079	316000	Outagamie	3	2	8	6	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Bear Creek	Bear Creek	RIVER	13408	10010182	1234600	Richland	1	0	8.2	8.2	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Bear Creek	Bear Creek	RIVER	13102	10030863	1311600	Juneau, Monroe	1	0	13.95	13.95	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Development	High	TMDL Needed (5A)
Bear Creek	Bear Creek	RIVER	12317	10008162	1398700	Wood, Portage	1	0	11.7	11.7	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	High	TMDL Needed (5A)
Bear Creek	Bear Creek	RIVER	3883349	10026051	2061900	Pepin	4	0	1.5	1.5	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Bear Creek	Bear Creek	RIVER	15581	10004263	2061900	Pepin	1	1.5	7.5	6	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Bear Creek	Bear Creek	RIVER	15582	10004264	2061900	Buffalo, Pepin	2	7.5	10	2.5	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Bear Creek	Bear Creek	RIVER	1470824	10024531	2061900	Buffalo	3	10	16.63	6.63	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Bear Creek	Bear Creek	RIVER	17455	10005772	2834600	Douglas	1	0	10.95	10.95	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Bear Lake	Bear Lake	LAKE	127730	10006939	552100	Forest	1			66.33	ACRES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	Natural Conditions (5C)
Bear Lake	Bear Lake	LAKE	18759	10006611	2403200	Ashland	1			184.14	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Bear Lake (T36N R12W S2)	Bear Lake	LAKE	15985	10004582	2105100	Washburn, Barron	1			1347.76	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Bear Trap Lake	Bear Trap Lake	LAKE	16487	10004970	2618100	Polk	1			247.45	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Bears Grass Creek	Bears Grass Creek	RIVER	1476724	10028200	2130300	Eau Claire	3	0	6.12	6.12	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Bears Grass Creek	Bears Grass Creek	RIVER	16099	10024616	2130300	Eau Claire	1	6.12	15.94	9.82	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Bearskill Lake	Bearskull Lake	LAKE	14803	10003611	2265100	Iron	1			80.83	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Bearskin Lake	Bearskin Lake	LAKE	128040	10007217	1523600	Oneida	1			402.7	ACRES	Category 5C	04/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	Natural Conditions (5C)
Beaver Creek	Beaver Creek	RIVER	11418	10001264	836500	Dodge, Columbia	1	0	14.86	14.86	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Beaver Creek	Beaver Creek	RIVER	18435	10006033	1314000	Juneau, Monroe	1	0	4	4	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Beaver Creek	Beaver Creek	RIVER	12237	10001891	1372300	Wood	1	0	4	4	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	TMDL Needed (5A)
Beaver Creek	Beaver Creek	RIVER	5735909	10038020	1372300	Wood	2	4	6.21	2.21	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	TMDL Needed (5A)
Beaver Creek	Beaver Creek	RIVER	12479	10032342	1459300	Marathon	1	0	5.13	5.13	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Beaver Creek	Beaver Creek	RIVER	14078	10003062	1677500	Trempealeau	3	7.04	18.04	11	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Beaver Creek	Beaver Creek	RIVER	16092	10024610	2129400	Eau Claire	1	0	8.05	8.05	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Beaver Creek	Unnamed	RIVER	10008	10000220	20000	Milwaukee	1	0	2.69	2.69	MILES	Category 5A	04/01/1998	NPS	Unknown Pollutant	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Beaver Creek	Unnamed	RIVER	10008	10000220	20000	Milwaukee	1	0	2.69	2.69	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Beaver Dam Lake	Beaver Dam Lake	LAKE	11411	10001258	835100	Dodge	1			6401.56	ACRES	Category 5A	04/01/2010	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Beaver Dam River	Beaver Dam River	RIVER	11397	10001245	831400	Dodge	1	0	11.06	11.06	MILES	Category 4A	04/01/1998	PS/NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Beaver Dam River	Beaver Dam River	RIVER	11397	10001245	831400	Dodge	1	0	11.06	11.06	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Beaver Dam River	Beaver Dam River	RIVER	356616	10008489	831400	Dodge	2	11.06	14.15	3.09	MILES	Category 4A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Beaver Dam River	Beaver Dam River	RIVER	356616	10008489	831400	Dodge	2	11.06	14.15	3.09	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Beaver Dam River	Beaver Dam River	RIVER	356663	10026870	831400	Dodge	3	14.15	30.14	15.99	MILES	Category 4A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Beaver Dam River	Beaver Dam River	RIVER	356663	10026870	831400	Dodge	3	14.15	30.14	15.99	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Beaver Lake	Beaver Lake	LAKE	16223	10004760	1834400	Chippewa	1			16.56	ACRES	Category 5P	04/01/2012	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Becker Lake	Becker Lake	LAKE	9920	10000172	77300	Calumet	1			35.16	ACRES	Category 5A	04/01/2016	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Medium	TMDL Needed (5A)
Becky Creek	Becky Creek	RIVER	15277	10004007	2369600	Rusk	1	0	1.24	1.24	MILES	Category 4A	04/01/2004	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Belleville Millpond	Unnamed	LAKE	902204	10027805	4000040	Dane	1			29.53	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Medium	TMDL Needed (5A)
Benet Lake	Benet Lake	LAKE	3895153	10027035	734800	Kenosha	1			109.92	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	Proposed for List	Medium	TMDL Needed (5A)
Big Arbor Vitae Lake	Big Arbor Vitae Lake	LAKE	128406	10008937	1545600	Vilas	1			1070.36	ACRES	Category 5C	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	303d Listed Addition	Low	TMDL Needed (5A)
Big Bass Lake	Big Bass Lake	LAKE	424458	10008654	1405200	Marathon	1			176.94	ACRES	Category 5B	04/01/2002	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Big Beaver Creek	Big Beaver Creek	RIVER	15689	10004348	2076200	Dunn	1	0	6.42	6.42	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Big Beaver Creek	Big Beaver Creek	RIVER	15690	10004349	2076200	Dunn	2	6.42	9.11	2.69	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Big Blake Lake (Blake)	Big Blake Lake	LAKE	16558	10005033	2627000	Polk	1			208.1	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Big Butternut Lake	Big Butternut Lake	LAKE	16680	10005133	2641000	Polk	1			384.49	ACRES	Category 5C	04/01/2012	Other	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	Natural Conditions (5C)
Big Creek	Big Creek	RIVER	1527961	10026390	1692900	Monroe	3	0	1.49	1.49	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Big Creek	Big Creek	RIVER	14124	10003088	1692900	Monroe	1	1.49	6.49	5	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Big Doctor Lake	Big Doctor Lake	LAKE	16690	10005139	2453400	Burnett	1			213.21	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Big Dummy Lake	Big Dummy Lake	LAKE	15829	10004446	1835100	Barron	1			113.73	ACRES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Big Eau Pleine Flowage	Big Eau Pleine Reservoir	IMPOUNDMENT	352690	10026869	1427400	Marathon	1			4909.16	ACRES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO, Eutrophication, Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
Big Eau Pleine River	Big Eau Pleine River	RIVER	12398	10001998	1427200	Marathon	2	0	16.6	16.6	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	TMDL Development	High	TMDL Needed (5A)
Big Eau Pleine River	Big Eau Pleine River	RIVER	12399	10001999	1427200	Marathon	3	16.61	21.84	5.23	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	TMDL Development	High	TMDL Needed (5A)
Big Eau Pleine River	Big Eau Pleine River	RIVER	886772	10008860	1427200	Marathon	4	22.34	45.64	23.3	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	TMDL Development	High	TMDL Needed (5A)
Big Fork Lake (Three Lakes Chain)	Big Fork Lake	LAKE	128044	10007221	1610700	Oneida	1			662.76	ACRES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Big Fork Lake (Three Lakes Chain)	Big Fork Lake	LAKE	128044	10007221	1610700	Oneida	1			662.76	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Big Lake	Big Lake	LAKE	18874	10006702	2615900	Polk	1			244.72	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Big Lake (Three Lakes Chain)	Big Lake	LAKE	128045	10008469	1613000	Oneida	1			844.78	ACRES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Big Lake (Three Lakes Chain)	Big Lake	LAKE	128045	10008469	1613000	Oneida	1			844.78	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Eutrophication, Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Big Moon Lake	Big Moon Lake	LAKE	15706	10004359	2079000	Barron	1			186.99	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Big Patch Creek	Snowden Br	RIVER	13894	10002962	944600	Grant	1	0	4.99	4.99	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2006 (4A)
Big Rib River	Big Rib River	RIVER	313263	10040439	1451800	Marathon	8	0	11.84	11.84	MILES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Big Rib River	Big Rib River	RIVER	886912	10040432	1451800	Taylor	10	44.8	49.91	5.11	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Big Rib River	Big Rib River	RIVER	1443175	10040433	1451800	Taylor	11	49.91	55.13	5.22	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Big Roche A Cri Creek	Big Roche A Cri Creek	RIVER	12244	10001892	1374100	Adams	1	16.56	36.83	20.27	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	TMDL Needed (5A)
Big Saint Germain Lake	Big Saint Germain Lake	LAKE	128411	10007545	1591100	Vilas	1			1621.76	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Eutrophication, Impairment Unknown, Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
Big Slough	Big Slough	RIVER	10731	10000762	174500	Columbia	1	0	10.41	10.41	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Big Stone Lake (Three Lakes Chain)	Big Stone Lake	LAKE	128046	10007222	1612200	Oneida	1			606.78	ACRES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Big Stone Lake (Three Lakes Chain)	Big Stone Lake	LAKE	128046	10007222	1612200	Oneida	1			606.78	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions, Impairment Unknown	TMDL Development	High	TMDL Needed (5A)
Big Trade Lake	Big Trade Lake	LAKE	16671	10005125	2638700	Burnett	1			327.31	ACRES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	Proposed for List	Low	TMDL Needed (5A)
Big Twin Lake	Twin Lakes	LAKE	11025	10000971	146500	Green Lake	1			73.9	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
Birch Creek	Birch Creek	RIVER	4700332	10030145	2833500	Douglas	1	0	6.87	6.87	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Bird Creek	Bird Creek	RIVER	11053	10000990	152300	Waushara	1	0	4.67	4.67	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	TMDL Needed (5A)
Bird Lake	Bird Lake	LAKE	128863	10007949	972000	Oneida	1			97.33	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Black Cr (Buck Creek)	Black Creek	RIVER	9960	10000201	88300	Kewaunee, Manitowoc	1	0	9.49	9.49	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
Black Creek	Black Creek	RIVER	337848	10008453	317100	Outagamie	1	0	16	16	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	High	TMDL Needed (5A)
Black Creek	Black Creek	RIVER	337866	10008454	317100	Outagamie, Shawano	2	16	27.71	11.71	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	High	TMDL Needed (5A)
Black Creek	Black Creek	RIVER	12474	10029280	1458200	Marathon	1	0	14.65	14.65	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Black Creek	Black Creek	RIVER	12475	10029281	1458200	Marathon	2	14.65	19.64	4.99	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Black Earch Creek	Black Earth Creek	RIVER	5696531	10036241	1248600	Dane	6	6.95	11.08	4.13	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Black Earth Creek	Black Earth Creek	RIVER	13474	10036240	1248600	Dane, Iowa	1	0	6.95	6.95	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Degraded Biological Community	Addition	Low	TMDL Needed (5A)
Black Lake (Birch)	Black Lake	LAKE	18758	10006610	2401300	Ashland, Sawyer	1			133.22	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Black Otter Creek	Black Otter Creek	RIVER	9788	6902216	315300	Outagamie	1	0	2.66	2.66	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Black Otter Creek	Black Otter Creek	RIVER	6902218	6902219	315300	Outagamie	2	3.66	6.96	3.3	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Black Otter Lake (Hortonville)	Black Otter Lake (Hortonville)	LAKE	9789	10000076	315600	Outagamie	1			78.16	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions, Excess Algal Growth	303d Listed	High	TMDL Needed (5A)
Black R. (Below Medford)	Black River	RIVER	14258	10003185	1676700	Clark, Taylor	8	145.24	180.98	35.74	MILES	Category 5A	04/01/1998	Other	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Black R. (Below Medford)	Black River	RIVER	14258	10003185	1676700	Clark, Taylor	8	145.24	180.98	35.74	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Black River	Black River	RIVER	11346	10001214	50300	Sheboygan	1	0	11.4	11.4	MILES	Category 5A	04/01/2014	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Black River	Black River	RIVER	18627	10006500	1676700	Jackson, Trempealeau, La Crosse	1	0	37.01	37.01	MILES	Category 5A	04/01/2004	Other	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Black River	Black River	RIVER	18627	10006500	1676700	Jackson, Trempealeau, La Crosse	1	0	37.01	37.01	MILES	Category 5A	04/01/2004	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Black River	Black River	RIVER	18627	10006500	1676700	Jackson, Trempealeau, La Crosse	1	0	37.01	37.01	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Black River	Black River	RIVER	14309	10003226	1676700	Jackson, Monroe	2	37.01	73.36	36.35	MILES	Category 5A	04/01/1998	Other	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Black River	Black River	RIVER	14309	10003226	1676700	Jackson, Monroe	2	37.01	73.36	36.35	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	Low	Phosphorus Listed (5P)
Black River	Black River	RIVER	14287	10026856	1676700	Jackson	3	73.36	86.9	13.54	MILES	Category 5B	04/01/1998	Other	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Black River	Black River	RIVER	14287	10026856	1676700	Jackson	3	73.36	86.9	13.54	MILES	Category 5B	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	Low	Phosphorus Listed (5P)
Black River	Black River	RIVER	14215	10003154	1676700	Clark	4	89.75	103.21	13.46	MILES	Category 5A	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Black River	Black River	RIVER	14215	10003154	1676700	Clark	4	89.75	103.21	13.46	MILES	Category 5A	04/01/1998	Other	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Black River	Black River	RIVER	6897757	10040760	1676700	Clark	11	103.21	110.83	7.62	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Black River	Black River	RIVER	6777572	10039660	1676700	Clark	10	119.8	136.96	17.16	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Black River	Black River	RIVER	14308	10003225	1676700	Clark	7	136.96	145.24	8.28	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Black River, Hwy H To Rock Creek	Black River	RIVER	14105	10003080	1676700	Clark	5	110.83	119.8	8.97	MILES	Category 5A	04/01/1998	Other	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Black River, Hwy H To Rock Creek	Black River	RIVER	14105	10003080	1676700	Clark	5	110.83	119.8	8.97	MILES	Category 5A	04/01/1998	PS/NPS	Unknown Pollutant	Low DO	303d Listed	Low	TMDL Needed (5A)
Black River, Hwy H To Rock Creek	Black River	RIVER	14105	10003080	1676700	Clark	5	110.83	119.8	8.97	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	Low	Phosphorus Listed (5P)
Blackhawk Creek	Blackhawk Creek	RIVER	11628	10001429	797000	Rock	2	2	4	2	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat, Turbidity	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Blackhawk Lake	Blackhawk Lake	LAKE	13338	10002617	1239400	Iowa	1			212.5	ACRES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Bladder Lake	Bladder Lake	LAKE	890888	10008907	2756200	Bayfield	1			84.06	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Blake Fork	Blake Fk	RIVER	13917	10036800	962000	Grant	1	0	17.23	17.23	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Blake Fork	Blake Fk	RIVER	13917	10036800	962000	Grant	1	0	17.23	17.23	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Blockhouse Lake	Blockhouse Lake	LAKE	14782	10006060	2256800	Price	1			241.06	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Blue River	Blue River	RIVER	13269	10006006	1211000	Grant	1	0.01	17.87	17.86	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Blue River	Blue River	RIVER	13271	10008198	1211000	Iowa	3	32.05	35.21	3.16	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Bluff Creek	Bluff Creek	RIVER	17454	10008208	2833200	Douglas	1	0	18.21	18.21	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Bohris Valley Creek	Unnamed	RIVER	14339	10003248	1774200	Buffalo	1	0	5	5	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Boice Creek	Boice Creek	RIVER	13902	10036762	956200	Grant	1	0	15.86	15.86	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Bone Lake T35n R16w S06	Bone Lake	LAKE	16565	10005039	2628100	Polk	1			1666.62	ACRES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Boot Lake	Boot Lake	LAKE	9921	10000173	77600	Calumet, Manitowoc	1			10.51	ACRES	Category 5A	04/01/2016	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Medium	TMDL Needed (5A)
Boot Lake	Boot Lake	LAKE	128416	10007549	1619100	Vilas	1			285.82	ACRES	Category 5C	04/01/2018	NPS	Unknown Pollutant	Eutrophication, Excess Algal Growth	Proposed for List	Low	Natural Conditions (5C)
Bostwick Creek	Bostwick Creek	RIVER	13989	10008312	1650900	La Crosse	1	0	3.65	3.65	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Botana Valley Creek	Unnamed	RIVER	14350	10035840	1775700	Buffalo	1	0	6.16	6.16	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Bower Creek	Bower Creek	RIVER	10683	10000729	118400	Brown	1	0	3	3	MILES	Category 4A	04/01/2008	NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Bower Creek	Bower Creek	RIVER	10683	10000729	118400	Brown	1	0	3	3	MILES	Category 4A	04/01/2008	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Bower Creek	Bower Creek	RIVER	10684	10000730	118400	Brown	2	3	13	10	MILES	Category 4A	04/01/2008	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Bower Creek	Bower Creek	RIVER	10684	10000730	118400	Brown	2	3	13	10	MILES	Category 4A	04/01/2008	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Braezels Branch	Braezels Br	RIVER	13695	10002846	900700	Green, Lafayette	1	0	4.06	4.06	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Branch River	Branch River	RIVER	482183	10008814	71300	Manitowoc	2	12.41	20.15	7.74	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Branch River	Branch River	RIVER	482239	10008815	71300	Brown, Manitowoc	3	20.15	36.78	16.63	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Branch River (Main Stem)	Branch River	RIVER	9899	10000158	71300	Manitowoc	1	0	12.42	12.42	MILES	Category 5A	04/01/2002	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Brewer Creek	Brewer Creek	RIVER	18447	10006388	1305000	Juneau	1	0	6.7	6.7	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Degraded Biological Community, Impairment Unknown	TMDL Development	High	TMDL Needed (5A)
Brewer Creek	Brewer Creek	RIVER	13069	10026559	1305000	Juneau	2	6.7	8.78	2.08	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Brewery Creek	Brewery Creek	RIVER	13815	10002911	928600	Iowa	1	0	3.32	3.32	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Degraded Biological Community	Addition	Low	TMDL Needed (5A)
Brewery Creek	Brewery Creek	RIVER	13815	10002911	928600	Iowa	1	0	3.32	3.32	MILES	Category 5A	04/01/1998	PS/NPS	Lead	Chronic Aquatic Toxicity	EAP Project	Not Applicable	TMDL Needed (5A)
Brewery Creek	Brewery Creek	RIVER	13815	10002911	928600	Iowa	1	0	3.32	3.32	MILES	Category 5A	04/01/1998	PS/NPS	Zinc	Chronic Aquatic Toxicity	EAP Project	Not Applicable	TMDL Needed (5A)
Bridge Creek	Bridge Creek	RIVER	16102	10026563	2130600	Eau Claire	1	0	3.58	3.58	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Bridge Creek	Bridge Creek	RIVER	1480660	10024640	2130600	Eau Claire	3	3.59	9.13	5.54	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Bronken Creek	Bronken Creek	RIVER	15746	10004387	2083300	Dunn	1	0	1.2	1.2	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Bronken Creek	Bronken Creek	RIVER	1457656	10023636	2083300	Dunn	2	1.2	6.85	5.65	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Brown Branch	Brown Br	RIVER	13773	10025706	915900	Lafayette	1	0	4.6	4.6	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Brule River Flowage	Brule River Flowage	IMPOUNDMENT	890809	10008903	704400	Florence	1			209.57	ACRES	Category 5B	04/01/2002	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Brule River State Forest Beach #3, Lake Superior	Lake Superior	GREAT LAKES BEACH	1452476	10024759	2751220	Douglas	4			0.69	MILES	Category 5A	04/01/2016	PS/NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Buckskin School Creek	Buckskin School Creek	RIVER	13685	10002841	897300	Green	1	0	6.71	6.71	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Buell Valley Creek	Unnamed	RIVER	14460	10003331	1813100	Buffalo	1	0	2.32	2.32	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Buffalo River	Buffalo River	RIVER	14468	10023297	1813900	Buffalo, Trempealeau	1	0	42.38	42.38	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Degraded Biological Community, Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Buffalo River	Buffalo River	RIVER	14496	10003361	1813900	Trempealeau	2	44.94	57.06	12.12	MILES	Category 5A	04/01/2014	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Buffalo River	Buffalo River	RIVER	1439446	10023291	1813900	Trempealeau	3	57.06	70.13	13.07	MILES	Category 5A	04/01/2014	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Bull Br	Bull Br	RIVER	13880	10002951	953100	Grant	1	0	1.63	1.63	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Bull Branch	Bull Br	RIVER	13836	10002925	936400	Lafayette	1	0	3.75	3.75	MILES	Category 5A	04/01/2010	Other	Zinc	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Bull Branch	Bull Br	RIVER	13836	10002925	936400	Lafayette	1	0	3.75	3.75	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Bullhead Lake	Bullhead Lake	LAKE	9881	10000142	68300	Manitowoc	1			69.52	ACRES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Bullhead Lake	Bullhead Lake	LAKE	9881	10000142	68300	Manitowoc	1			69.52	ACRES	Category 5A	04/01/2012	NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	303d Listed	Medium	TMDL Needed (5A)
Burgy Creek	Burgy Creek	RIVER	13638	10002810	880500	Green	1	0	10.99	10.99	MILES	Category 4A	04/01/2004	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Butler Ditch	Unnamed	RIVER	10040	10000245	18100	Waukesha	1	0	2.85	2.85	MILES	Category 4A	04/01/2010	PS/NPS	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Butternut Lake	Butternut Lake	LAKE	14864	10003659	2283300	Ashland, Price	1			983.22	ACRES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Butternut Lake	Butternut Lake	LAKE	14864	10003659	2283300	Ashland, Price	1			983.22	ACRES	Category 5A	04/01/2012	Unknown	Total Phosphorus	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Byron Creek	Campground Creek	RIVER	1452243	10023506	137400	Fond du Lac	3	0	1.66	1.66	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Addition	Low	TMDL Needed (5A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Byron Creek	Campground Creek	RIVER	1452243	10023506	137400	Fond du Lac	3	0	1.66	1.66	MILES	Category 5A	04/01/2006	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Development	High	TMDL Needed (5A)
Byron Creek	Campground Creek	RIVER	10995	10000951	137400	Fond du Lac	2	1.67	7.26	5.59	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	High	Phosphorus Listed (5P)
Byron Creek	Campground Creek	RIVER	10995	10000951	137400	Fond du Lac	2	1.67	7.26	5.59	MILES	Category 5A	04/01/2006	NPS	Sediment/Total Suspended Solids	Low DO, Elevated Water Temperature, Degraded Habitat	TMDL Development	High	TMDL Needed (5A)
Calamus Creek	Calamus Creek	RIVER	11423	10026117	834900	Dodge	1	0	17.01	17.01	MILES	Category 4A	04/01/2006	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Calamus Creek	Calamus Creek	RIVER	11423	10026117	834900	Dodge	1	0	17.01	17.01	MILES	Category 4A	04/01/2012	Unknown	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Caldron Falls Reservoir (Imp)	Caldron Falls Reservoir*	IMPOUNDMENT	11949	10001685	545400	Oconto, Marinette	1			1018	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Callahan Lake	Callahan Lake	LAKE	15472	10004171	2434700	Sawyer	1			138.41	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Calvin Creek	Calvin Creek	RIVER	18027	10006069	66900	Manitowoc	1	0	5.83	5.83	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Medium	TMDL Needed (5A)
Cambra Creek (Canada)	Cambra Creek	RIVER	11417	10001263	836200	Dodge	1	0	3	3	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Degraded Biological Community, Impairment Unknown	303d Listed	Low	TMDL Needed (5A)
Camp Lake	Camp Lake	LAKE	15112	10003865	1839100	Vilas	1			37.52	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Carpenter Creek	Carpenter Creek	RIVER	10784	10000805	248800	Waushara	1	0	6.06	6.06	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Carpenter Creek	Carpenter Creek	RIVER	10784	10000805	248800	Waushara	1	0	6.06	6.06	MILES	Category 5A	04/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2004 (4A)
Carstens Lake	Carstens Lake	LAKE	9869	10000132	66800	Manitowoc	1			22.34	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Medium	TMDL Needed (5A)
Cary Millpond	Columbia Lake	LAKE	10297	10000428	262400	Waupaca	1			83.95	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Casco Creek	Casco Creek	RIVER	10178	10000345	91600	Kewaunee	1	0	0.47	0.47	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
Casper Creek	Casper Creek	RIVER	11401	10001249	832100	Dodge	1	0	2.36	2.36	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Castle Rock Flowage	Castle Rock Lake	IMPOUNDMENT	424081	10008631	1345700	Adams, Juneau	1			12385.6	ACRES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Eutrophication, Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Cat Creek	Cat Creek	RIVER	12232	10001887	1370700	Wood	1	0	2.28	2.28	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Caves Creek	Caves Creek	RIVER	10718	10000751	166100	Marquette	1	0	12.1	12.1	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	TMDL Needed (5A)
Cawley Creek	Cawley Creek	RIVER	14268	10003191	1750100	Clark	1	0	14.33	14.33	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Cazenovia Branch	Cazenovia Br	RIVER	13010	10030060	1283100	Sauk	1	0	0.66	0.66	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Cedar Creek	Cedar Creek	RIVER	10051	10006013	21300	Ozaukee	1	0	5	5	MILES	Category 4A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Cedar Creek	Cedar Creek	RIVER	1437248	10023201	21300	Ozaukee, Washington	2	5.01	32.71	27.7	MILES	Category 4A	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Cedar Lake	Cedar Lake	LAKE	18873	10006701	2615100	Polk, Saint Croix	1			1120.36	ACRES	Category 4A	04/01/1998	NPS	Total Phosphorus	Excess Algal Growth, Elevated pH	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
Cedarburg Pond	Cedarburg Pond 121	LAKE	11290	10001167	21700	Ozaukee	1			15	ACRES	Category 4A	04/01/2012	Contam. Sed.	PCBs	Contaminated Fish Tissue	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Cedarburg Pond	Cedarburg Stone Quarry	LAKE	11271	10001149	8500	Ozaukee	1			5.43	ACRES	Category 5A	04/01/2012	Point Source	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Cedarburg Pond	Cedarburg Stone Quarry	LAKE	11271	10001149	8500	Ozaukee	1			5.43	ACRES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Center Creek	Center Creek	RIVER	13366	10002631	1225800	Richland	1	0	2	2	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Chaffee Creek	Chaffee Creek	RIVER	18181	10006186	155900	Marquette, Waushara	2	1.66	15.62	13.96	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	TMDL Needed (5A)
Chase Creek	Chase Creek	RIVER	18575	10006468	965800	Grant	1	0	1.15	1.15	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Chequamegon Bay (Ashland Coal Tar Site)	Chequamegon Bay	BAY/HARBOR	891683	10008951	2753770	Ashland	1			16.62	ACRES	Category 5A	04/01/1998	Contam. Sed.	PAHs	Chronic Aquatic Toxicity, Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Chequamegon Flowage	Chequamegon Waters Flowage	IMPOUNDMENT	16206	10004746	2160700	Taylor	1			2366.31	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Eutrophication, Water Quality Use Restrictions, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Cherokee Creek	Unnamed	RIVER	9977	10000205	15250	Milwaukee	1	0	1.6	1.6	MILES	Category 4A	04/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Cherry Branch	Cherry Br	RIVER	13688	10002842	898500	Lafayette	1	0	7.11	7.11	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Cherry Branch	Unnamed	RIVER	352979	10008472	898900	Lafayette	1	0.02	2.12	2.1	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat, Turbidity	303d Listed	Low	Natural Conditions (5C)
Chetek Lake	Lake Chetek	LAKE	15815	10026758	2094000	Barron	1			923.39	ACRES	Category 5A	04/01/2006	NPS	Total Phosphorus	Eutrophication	303d Listed	Low	TMDL Needed (5A)
Chetek River	Chetek River	RIVER	15795	10004420	2089000	Barron	1	0	5.24	5.24	MILES	Category 5A	04/01/2008	PS/NPS	Total Phosphorus	Low DO, Eutrophication	303d Listed	Low	TMDL Needed (5A)
Chippewa R At Eau Claire	Chippewa River	RIVER	889320	10008884	2050000	Eau Claire	4	58.84	60.05	1.21	MILES	Category 5A	04/01/1998	Contam. Sed.	Unspecified Metals	Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Chippewa R At Eau Claire	Chippewa River	RIVER	889320	10008884	2050000	Eau Claire	4	58.84	60.05	1.21	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Chippewa R At L Wissota	Chippewa River	RIVER	889449	10008886	2050000	Chippewa	6	77.04	80.18	3.14	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Chippewa River	Chippewa River	RIVER	18765	10006014	2050000	Buffalo, Pepin	1	0	20.73	20.73	MILES	Category 5A	04/01/2008	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Chippewa River	Chippewa River	RIVER	304733	10008319	2050000	Pepin, Dunn	2	20.73	37.58	16.85	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Chippewa River	Chippewa River	RIVER	889277	10008883	2050000	Eau Claire, Dunn	3	37.58	58.84	21.26	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Chippewa River	Chippewa River	RIVER	889365	10008885	2050000	Eau Claire, Chippewa	5	60.05	77.04	16.99	MILES	Category 5A	04/01/2002	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Chippewa River	Chippewa River	RIVER	889529	10008887	2050000	Chippewa	7	80.18	105.75	25.57	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Circle Lily Lake	Circle Lily Lake	LAKE	15161	10003908	2326700	Iron, Vilas	1			218.12	ACRES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Cisco Lake	Cisco Lake	LAKE	891024	10008914	2899200	Bayfield	1			96.27	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Cisna Creek	Cisna Creek	RIVER	14227	10003161	1713400	Jackson	1	0	5.15	5.15	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Clack Creek	Clack Creek	RIVER	18789	10006632	2066300	Dunn	1	0	3.34	3.34	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Clack Creek	Clack Creek	RIVER	1456011	10023593	2066300	Dunn	2	3.34	5.35	2.01	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Clam Lake, Lower	Lower Clam Lake	LAKE	15559	10004245	2429300	Sawyer	1			213.74	ACRES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Clam Lake, Lower	Lower Clam Lake	LAKE	18914	10006734	2655300	Burnett	1			366.47	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	TMDL Needed (5A)
Clam Lake, Upper	Clam Lake	LAKE	18915	10006735	2656200	Burnett	1			1337.67	ACRES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Clam River Flowage	Clam River Flowage	LAKE	16761	10005201	2654500	Burnett	1			411.94	ACRES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	TMDL Needed (5A)
Clear Creek	Clear Creek	RIVER	14149	10023212	1697800	Jackson, Monroe	1	0	5.81	5.81	MILES	Category 5A	04/01/2002	NPS	Elevated Water Temperature	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Clear Lake	Clear Lake	LAKE	11701	10001485	775000	Rock	1			77.41	ACRES	Category 5A	04/01/2010	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Clear Lake	Clear Lake	LAKE	11701	10001485	775000	Rock	1			77.41	ACRES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Clear Lake	Clear Lake	LAKE	127840	10008938	977000	Langlade	1			86.73	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Clear Lake	Clear Lake	LAKE	128438	10027803	2329000	Vilas	1			515.15	ACRES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Cleaver Creek	Cleaver Creek	RIVER	13031	10002443	1292500	Juneau	1	0	5	5	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Cochrane Ditch (Rose Valley Cr)	Unnamed	RIVER	14461	10003332	1813600	Buffalo	1	0	6.5	6.5	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Cochrane Ditch (Rose Valley Cr)	Unnamed	RIVER	3883423	10026053	1813600	Buffalo	2	6.5	10.06	3.56	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Coco Creek	Unnamed	RIVER	897130	10039400	772100	Waukesha	2	0.51	2.36	1.85	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Cold Springs Cr	Cold Spring Creek	RIVER	5534355	10033542	831900	Dodge	1	0	4.24	4.24	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Collins (Fish) Lake	Collins Lake	LAKE	10319	10000447	270200	Portage	1			42.93	ACRES	Category 5A	04/01/2002	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Collins (Fish) Lake	Collins Lake	LAKE	10319	10000447	270200	Portage	1			42.93	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
Coon Branch	Coon Br	RIVER	13837	10036760	936500	Lafayette	1	0	5.21	5.21	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Coon Branch	Coon Br	RIVER	13838	10002927	936500	Lafayette	2	5.21	6.56	1.35	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Coon Branch	Coon Br	RIVER	1482046	10036761	936500	Lafayette	3	6.56	7.83	1.27	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Coon Creek	Coon Creek	RIVER	893459	10008964	1643500	Vernon	1	0	13.81	13.81	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Coon Creek	Coon Creek	RIVER	15665	10004329	2066400	Dunn	1	0	3.35	3.35	MILES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Coon Creek	Coon Creek	RIVER	15665	10004329	2066400	Dunn	1	0	3.35	3.35	MILES	Category 5A	04/01/2002	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Coon Fork Flowage	Coon Fork Flowage	LAKE	18825	10006666	2135600	Eau Claire	1			62.09	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Coon Lake	Coon Lake	LAKE	16686	10005137	2642000	Polk	1			42.23	ACRES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Copper Creek	Copper Creek	RIVER	12999	10002424	1278400	Sauk	1	0	6.04	6.04	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Development	High	TMDL Needed (5A)
Correction Creek	Correction Creek	RIVER	14318	10003234	1765400	Taylor	1	0	7.18	7.18	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Medium	TMDL Needed (5A)
Council Creek	Council Creek	RIVER	13110	10006017	1341600	Monroe	1	0	3.58	3.58	MILES	Category 5A	04/01/2014	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Development	High	TMDL Needed (5A)
Cox Hollow Lake	Cox Hollow Lake	LAKE	13432	10002667	1246500	Iowa	1			81.49	ACRES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Cranberry Creek	Cranberry Creek	RIVER	16344	10004857	2117000	Pepin, Dunn	1	0	14.46	14.46	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Cranberry Flowage, Upper	Cranberry Flowage	IMPOUNDMENT	14180	10003128	1707100	Jackson	1			35	ACRES	Category 5B	04/01/2002	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Cranberry Lake	Cranberry Lake	LAKE	128768	10007862	1603800	Oneida, Vilas	1			924.35	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Crane Lake	Crane Lake	LAKE	10605	10000669	388500	Forest	1			355.22	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Crawfish River	Crawfish River	RIVER	11438	10000211	829700	Dodge, Columbia	2	49.5	79.45	29.95	MILES	Category 5A	04/01/2014	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Crawfish River	Crawfish River	RIVER	11438	10000211	829700	Dodge, Columbia	2	49.5	79.45	29.95	MILES	Category 5A	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Crawfish River - Columbus Mill Pond	Columbus Mill Pond	IMPOUNDMENT	356471	10008488	842500	Dodge, Columbia	1			18.38	ACRES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Crawfish River (Jefferson to Rock Creek)	Crawfish River	RIVER	5513911	10033060	829700	Jefferson	3	0	11.04	11.04	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Crawford Creek	Crawford Creek	RIVER	17458	10008211	2835500	Douglas	1	0	9.12	9.12	MILES	Category 5A	04/01/1998	Contam. Sed.	Creosote	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Crawford Creek	Crawford Creek	RIVER	17458	10008211	2835500	Douglas	1	0	9.12	9.12	MILES	Category 5A	04/01/1998	Contam. Sed.	PAHs	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Creek 1-8 (T29N, R11W)	Unnamed	RIVER	1457461	10023630	2083000	Dunn	1	0	2.93	2.93	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Creek 20-16 Trib. To Gilbert Creek	Unnamed	RIVER	15656	10035480	2064650	Dunn	1	0	3.98	3.98	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Creek 2-14 (T29n, R4e)	Unnamed	RIVER	1459550	10023716	1458400	Marathon	1	0	5.41	5.41	MILES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Creek 23-13b	Unnamed	RIVER	359545	10008508	1665600	Monroe	1	0	0.9	0.9	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Creek 8-13b	Thunder Lake Inlet	RIVER	1517423	10025806	533700	Marinette	3	0	1.29	1.29	MILES	Category 5C	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	Natural Conditions (5C)
Crossman Creek	Crossman Creek	RIVER	13019	10002439	1286700	Juneau, Sauk	1	0	6.43	6.43	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Crossman Creek	Crossman Creek	RIVER	13020	10002440	1286700	Juneau	2	6.42	12.01	5.59	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Crowley Flowage	Crowley Flowage 802	IMPOUNDMENT	14880	10003669	2287200	Price	1			353.64	ACRES	Category 5A	04/01/1998	Other	Mercury	Contaminated Fish Tissue, Chronic Aquatic Toxicity, Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Crystal Lake	Crystal Lake	LAKE	9837	10000113	45200	Sheboygan	1			128.98	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Crystal River	Crystal River	RIVER	10287	10000419	258200	Waupaca	2	2.43	12.2	9.77	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Culver Br	Culver Br	RIVER	13875	10010060	950900	Grant	1	0	2.34	2.34	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Cunningham Creek	Cunningham Creek	RIVER	18625	10000214	1747900	Clark	1	0	21.82	21.82	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Currie Lake	Currie Lake	LAKE	128089	10007261	979300	Oneida	1			94.86	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Dairyland Reservoir (Flambeau)	Dairyland Reservoir (Flambeau)	IMPOUNDMENT	14663	10003492	2229200	Rusk	1			1870.54	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Dam Lake (Sugar Camp Chain)	Dam Lake	LAKE	128092	10007263	1596900	Oneida	1			732.09	ACRES	Category 5C	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	High	Natural Conditions (5C)
Davis Creek	Davis Creek	RIVER	14111	10023203	1689300	Jackson, La Crosse	1	0	6.86	6.86	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Davy Creek	Davy Creek	RIVER	11548	10001373	855400	Dodge	1	0	5.69	5.69	MILES	Category 5A	04/01/1998	Contam. Sed.	Unspecified Metals	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Dawes Creek	Dawes Creek	RIVER	12226	10001883	1367400	Wood	1	0	7.75	7.75	MILES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	High	Phosphorus Listed (5P)
Day Lake Flowage	Day Lake	IMPOUNDMENT	15561	10004247	2430300	Ashland	1			578.23	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Dead Creek	Dead Creek	RIVER	1455284	10023585	860000	Dodge	2	0	3.92	3.92	MILES	Category 4A	04/01/1998	PS/NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Dead Creek	Dead Creek	RIVER	1455284	10023585	860000	Dodge	2	0	3.92	3.92	MILES	Category 4A	04/01/2006	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Dead Creek	Dead Creek	RIVER	904986	10010040	860000	Dodge	1	3.92	10.52	6.6	MILES	Category 4A	04/01/2006	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Dead Creek	Dead Creek	RIVER	904986	10010040	860000	Dodge	1	3.92	10.52	6.6	MILES	Category 4A	04/01/2006	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Dead Pike Lake	Dead Pike Lake	LAKE	15067	10003830	2316600	Vilas	1			308.57	ACRES	Category 5B	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Dead Pike Lake	Dead Pike Lake	LAKE	15067	10003830	2316600	Vilas	1			308.57	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Decatur Lake	Decatur Lake	IMPOUNDMENT	4701075	10030160	879400	Green	1			109.24	ACRES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Deep Hole Lake	Deep Hole Lake	LAKE	10541	10000612	184500	Forest	1			95.24	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Deep Lake	Deep Lake	LAKE	15894	10004500	1844000	Washburn	2			43.01	ACRES	Category 5A	04/01/2012	NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Deep Wood Lake	Deep Wood Lake	LAKE	128724	10007825	1445100	Langlade	1			72	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Deer Creek	Deer Creek	RIVER	12414	10002011	1433400	Taylor	1	0	7.15	7.15	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	TMDL Needed (5A)
Deer Creek	Unnamed	RIVER	424345	10008643	772900	Waukesha	1	0	8.09	8.09	MILES	Category 5A	04/01/2008	NPS	Total Phosphorus	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Deer Creek	Unnamed	RIVER	424345	10008643	772900	Waukesha	1	0	8.09	8.09	MILES	Category 5A	04/01/2008	NPS	Elevated Water Temperature	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Deer Creek	Unnamed	RIVER	424345	10008643	772900	Waukesha	1	0	8.09	8.09	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Deer Lake	Deer Lake	LAKE	128733	10007833	1519600	Lincoln	1			149.72	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Deer Lake (Three Lakes Chain)	Deer Lake	LAKE	128094	10007265	1612300	Oneida	1			188.19	ACRES	Category 5A	04/01/2018	Atm. Dep.	Mercury	Contaminated Fish Tissue	Proposed for List	Low	Mercury Atm. Dep. (5B)
Deer Lake (Three Lakes Chain)	Deer Lake	LAKE	128094	10007265	1612300	Oneida	1			188.19	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	TMDL Needed (5A)
Deer Tail Creek	Deer Tail Creek	RIVER	14650	10003482	2221700	Rusk	1	0	38.6	38.6	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Delavan Lake	Delavan Lake	LAKE	11618	10001422	793600	Walworth	1			1906.03	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Dell Creek	Dell Creek	RIVER	18439	10006385	1295200	Sauk	2	1.81	7.55	5.74	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Dell Creek	Dell Creek	RIVER	13045	6897808	1295200	Sauk	3	7.55	15.82	8.27	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Dell Creek	Dell Creek	RIVER	6897810	6897811	1295200	Juneau, Sauk	5	15.82	19.25	3.43	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Addition	Low	TMDL Needed (5A)
Dell Creek	Dell Creek	RIVER	6897810	6897811	1295200	Juneau, Sauk	5	15.82	19.25	3.43	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Dell Creek	Dell Creek	RIVER	946824	10010332	1295200	Juneau	4	19.25	23.35	4.1	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Delton Lake	Delton Lake	LAKE	13546	10002737	1295400	Sauk	1			249.24	ACRES	Category 5A	04/01/2016	NPS	Total Phosphorus	Eutrophication, Water Quality Use Restrictions, Excess Algal Growth	303d Listed	High	TMDL Needed (5A)
Deneveu Creek	De Neveu Creek	RIVER	10982	10000941	138700	Fond du Lac	1	0.82	11	10.18	MILES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	High	Phosphorus Listed (5P)
Deneveu Creek	De Neveu Creek	RIVER	10983	10000942	138700	Fond du Lac	2	11	11.88	0.88	MILES	Category 5A	04/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Development	High	TMDL Needed (5A)
Des Plaines River	Des Plaines River	RIVER	11799	10000215	734000	Racine, Kenosha	1	0	23.44	23.44	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Dexter Lake	Dexter Lake	LAKE	1446343	10023470	1369900	Wood	1			286.71	ACRES	Category 5A	04/01/1998	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Dexter Lake	Dexter Lake	LAKE	1446343	10023470	1369900	Wood	1			286.71	ACRES	Category 5A	04/01/2010	NPS	Total Phosphorus	Eutrophication, Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Diamond Lake	Diamond Lake	LAKE	14291	10003210	1757200	Taylor	1			49.1	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Diamond Lake	Diamond Lake	LAKE	891007	10026588	2897100	Bayfield	1			322.37	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Diamond Valley Creek	Diamond Valley Creek	RIVER	1480889	10024646	2131400	Eau Claire	2	0	0.91	0.91	MILES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Diamond Valley Creek	Diamond Valley Creek	RIVER	1480889	10024646	2131400	Eau Claire	2	0	0.91	0.91	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Diamond Valley Creek	Diamond Valley Creek	RIVER	16109	10004678	2131400	Eau Claire	1	0.91	7.09	6.18	MILES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Diamond Valley Creek	Diamond Valley Creek	RIVER	16109	10004678	2131400	Eau Claire	1	0.91	7.09	6.18	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Diggings Creek	Diggings Creek	RIVER	353842	10008476	936800	Lafayette	1	0	5.43	5.43	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Diggings Creek	Diggings Creek	RIVER	353842	10008476	936800	Lafayette	1	0	5.43	5.43	MILES	Category 5A	04/01/1998	NPS	Lead	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Diggings Creek	Diggings Creek	RIVER	353842	10008476	936800	Lafayette	1	0	5.43	5.43	MILES	Category 5A	04/01/1998	NPS	Zinc	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Diggings Creek	Diggings Creek	RIVER	353842	10008476	936800	Lafayette	1	0	5.43	5.43	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Dill Creek	Dill Creek	RIVER	12402	10026657	1430700	Marathon	1	0	8	8	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Dill Creek	Dill Creek	RIVER	12403	10002002	1430700	Clark, Marathon	2	8	20	12	MILES	Category 5A	04/01/2014	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Ditch #5 (N.Br. Tenmile Creek)	Ditch # 5	RIVER	12280	10001917	1384600	Portage	1	0	4.92	4.92	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	TMDL Needed (5A)
Ditch to the Oregon Branch of Badfish Creek	Unnamed	RIVER	1516935	10025151	800800	Dane	1	0	3.63	3.63	MILES	Category 5A	04/01/2012	Unknown	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Doc Smith Branch (Cass Valley)	Cass Valley Creek	RIVER	13281	10002577	1212000	Grant	1	0	3.39	3.39	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Dodge Branch	Dodge Br	RIVER	13746	10002873	910800	Iowa	1	0	9.44	9.44	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Dodge Branch	Dodge Br	RIVER	13747	10002874	910800	Iowa	2	9.44	16.52	7.08	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Dodge Branch	Dodge Br	RIVER	13748	10002875	910800	Iowa	3	16.52	20.3	3.78	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Dodge Branch	Dodge Br	RIVER	13748	10002875	910800	Iowa	3	16.52	20.3	3.78	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Dodge Branch	Dodge Br	RIVER	13749	10002876	910800	Iowa	4	20.3	22.76	2.46	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Dodge Branch	Dodge Br	RIVER	13749	10002876	910800	Iowa	4	20.3	22.76	2.46	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Dog Lake (Three Lakes Chain)	Dog Lake	LAKE	128743	10007841	1612900	Oneida	1			201.71	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Dog Lake (Three Lakes Chain)	Dog Lake	LAKE	128743	10007841	1612900	Oneida	1			201.71	ACRES	Category 5B	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Addition	High	Phosphorus Listed (5P)
Door Creek	Door Creek	RIVER	11644	10025683	802800	Dane	1	0	14.02	14.02	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Dougherty Creek	Dougherty Creek	RIVER	13700	10010038	901000	Green	4	13.97	16.59	2.62	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Dougherty Creek	Dougherty Creek	RIVER	13700	10010038	901000	Green	4	13.97	16.59	2.62	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Dougherty Creek	Dougherty Creek	RIVER	13700	10010038	901000	Green	4	13.97	16.59	2.62	MILES	Category 5A	04/01/1998	NPS	BOD	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Dougherty Creek	Dougherty Creek	RIVER	13700	10010038	901000	Green	4	13.97	16.59	2.62	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Douglas Creek	Douglas Creek	RIVER	14116	10026693	1691300	Jackson	1	0	1.75	1.75	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Douglas Creek	Douglas Creek	RIVER	14117	10003084	1691300	Jackson	2	2.06	4.12	2.06	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Douglas Creek	Douglas Creek	RIVER	14118	10023204	1691300	Jackson	3	4.13	9.99	5.86	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Dowling Lake	Dowling Lake	LAKE	20362	10010837	2858300	Douglas	1			141.41	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Drew Creek	Drew Creek	RIVER	11416	10001262	836100	Dodge	1	0	3	3	MILES	Category 5A	04/01/2014	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Drew Creek	Drew Creek	RIVER	11416	10001262	836100	Dodge	1	0	3	3	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Duck Creek	Duck Creek	RIVER	10850	10000843	409700	Brown	1	0	4.96	4.96	MILES	Category 5A	04/01/2002	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Duck Creek	Duck Creek	RIVER	10850	10000843	409700	Brown	1	0	4.96	4.96	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Duck Creek	Duck Creek	RIVER	10850	10000843	409700	Brown	1	0	4.96	4.96	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Duck Creek	Duck Creek	RIVER	10851	10000844	409700	Outagamie	2	25.69	32.9	7.21	MILES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Duck Creek	Duck Creek	RIVER	10851	10000844	409700	Outagamie	2	25.69	32.9	7.21	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Duck Creek	Duck Creek	RIVER	10851	10000844	409700	Outagamie	2	25.69	32.9	7.21	MILES	Category 5A	04/01/2008	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Duck Creek	Duck Creek	RIVER	13523	10000226	1266300	Columbia	1	0	11.96	11.96	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Duncan Creek	Duncan Creek	RIVER	16166	10028160	2150600	Chippewa	1	0	8.5	8.5	MILES	Category 5A	04/01/2014	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Duncan Creek	Duncan Creek	RIVER	3987136	10028040	2150600	Chippewa	3	8.5	14.84	6.34	MILES	Category 5A	04/01/2014	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Duncan Creek	Duncan Creek	RIVER	3987409	10028161	2150600	Chippewa	4	14.83	20.72	5.89	MILES	Category 5A	04/01/2014	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Dunham Lake	Dunham Lake	LAKE	16725	10005169	2651800	Burnett	1			230.6	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Dustin Creek	Dustin Creek	RIVER	14133	10023210	1694300	Monroe	1	0	3.68	3.68	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Dutchman Creek	Dutchman Creek	RIVER	10832	10000830	121600	Brown	1	0	4.04	4.04	MILES	Category 5A	04/01/1998	NPS	Ammonia (Unionized) - Toxin	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Dutchman Creek	Dutchman Creek	RIVER	10832	10000830	121600	Brown	1	0	4.04	4.04	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Dutchman Creek	Dutchman Creek	RIVER	1854741	10025588	121600	Outagamie	3	16.05	17.97	1.92	MILES	Category 5A	04/01/1998	NPS	Ammonia (Unionized) - Toxin	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Dutchman Creek	Dutchman Creek	RIVER	1854741	10025588	121600	Outagamie	3	16.05	17.97	1.92	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
E Br Big Eau Pleine River	East Branch Big Eau Pleine River	RIVER	12411	10006845	1432300	Marathon	1	0	9.63	9.63	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
E. Br. Pecatonica River	East Branch Pecatonica River	RIVER	13687	10038740	897800	Lafayette	1	0	33.12	33.12	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
E. Br. Pecatonica River	East Branch Pecatonica River	RIVER	13737	10038760	897800	Lafayette, Iowa	2	33.12	55.02	21.9	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Eagle Lake	Eagle Lake	LAKE	10466	10000561	759800	Racine	1			529.34	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Eagle Lake (Eagle Chain)	Eagle Lake	LAKE	128460	10026531	1600200	Vilas	1			574.83	ACRES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Excess Algal Growth	Addition	High	TMDL Needed (5A)
East Alaska Lake	East Alaska Lake	LAKE	18067	10006101	94200	Kewaunee	1			50.36	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
East Balsam Lake	Balsam Lake	BAY/HARBOR	4698566	10030040	2620600	Polk	2			554.82	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
East Br Big Creek	East Branch Big Creek	RIVER	13006	10002429	1280500	Juneau, Sauk	1	0	6.52	6.52	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Degraded Biological Community	TMDL Development	High	TMDL Needed (5A)
East Branch Fond Du Lac River	East Branch Fond Du Lac River	RIVER	3990279	10035880	135900	Fond du Lac	2	14.5	22.81	8.31	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	TMDL Needed (5A)
East Branch Fondulac River	East Branch Fond Du Lac River	RIVER	10991	10000948	135900	Fond du Lac	1	0	14.5	14.5	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
East Branch of Little Black	East Branch Little Black River	RIVER	14319	10003235	1765900	Taylor	1	0	13.82	13.82	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
East Branch Rock River	East Branch Rock River	RIVER	951364	10010416	861400	Dodge	2	0	11.61	11.61	MILES	Category 4A	04/01/2006	PS/NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
East Branch Rock River	East Branch Rock River	RIVER	951364	10010416	861400	Dodge	2	0	11.61	11.61	MILES	Category 4A	04/01/2006	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
East River	East River	RIVER	10679	10026183	118000	Brown	1	0	14.15	14.15	MILES	Category 5A	04/01/1998	NPS	Unspecified Metals	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
East River	East River	RIVER	10679	10026183	118000	Brown	1	0	14.15	14.15	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
East River	East River	RIVER	10679	10026183	118000	Brown	1	0	14.15	14.15	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
East River	East River	RIVER	10680	10000726	118000	Brown, Calumet	2	14.15	42.25	28.1	MILES	Category 5A	04/01/1998	NPS	Unspecified Metals	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
East River	East River	RIVER	10680	10000726	118000	Brown, Calumet	2	14.15	42.25	28.1	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
East River	East River	RIVER	10680	10000726	118000	Brown, Calumet	2	14.15	42.25	28.1	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
East Trib. to Parsons Cr	Unnamed	RIVER	903785	10010015	136200	Fond du Lac	1	0.01	1.89	1.88	MILES	Category 4A	04/01/2008	NPS	Elevated Water Temperature	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
East Trib. to Parsons Cr	Unnamed	RIVER	903785	10010015	136200	Fond du Lac	1	0.01	1.89	1.88	MILES	Category 4A	04/01/2008	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
East Twin Lake	Twin Lakes	LAKE	16372	10004877	2598900	Saint Croix	1			60.01	ACRES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Eutrophication, Elevated pH	303d Listed	Low	TMDL Needed (5A)
East Twin River	East Twin River	RIVER	18071	10006105	84000	Manitowoc	1	0	10.49	10.49	MILES	Category 5A	04/01/2012	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
East Twin River	East Twin River	RIVER	18071	10006105	84000	Manitowoc	1	0	10.49	10.49	MILES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
East Twin River	East Twin River	RIVER	18071	10006105	84000	Manitowoc	1	0	10.49	10.49	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	Medium	Phosphorus Listed (5P)
East Twin River	East Twin River	RIVER	4700226	10030100	84000	Kewaunee, Manitowoc	4	10.49	26.4	15.91	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
East Twin River	East Twin River	RIVER	10205	10000368	84000	Kewaunee	2	26.4	34.18	7.78	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
East Twin River	East Twin River	RIVER	10206	10000369	84000	Kewaunee	3	34.18	40.91	6.73	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Eau Claire Lake	Eau Claire Lake	LAKE	16115	10004681	2133200	Eau Claire	1			870.12	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Eau Claire Lake, Low	Lower Eau Claire Lake	LAKE	17091	10005965	2741600	Bayfield, Douglas	1			784.38	ACRES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Eau Claire Lake, Middle	Middle Eau Claire Lake	LAKE	17093	10005478	2742100	Bayfield	1			829.77	ACRES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Eau Claire Lake, Upper	Upper Eau Claire Lake	LAKE	17095	10005480	2742700	Bayfield	1			1024.44	ACRES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Eau Galle River	Eau Galle River	RIVER	15608	10029263	2055000	Pepin, Dunn	1	0	8.83	8.83	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Eau Galle River	Eau Galle River	RIVER	15610	10004286	2055000	Pierce, Saint Croix	4	32.55	33.79	1.24	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Elevated pH	303d Listed	Low	TMDL Needed (5A)
Eau Galle River	Eau Galle River	RIVER	15611	10004287	2055000	Saint Croix	5	33.79	39.24	5.45	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Echo Lake	Echo Lake	LAKE	16602	10005071	2630200	Barron	1			172.48	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Eichelman Beach, Lake Michigan	Lake Michigan	GREAT LAKES BEACH	1452637	10024764	20	Kenosha	20			0.58	MILES	Category 5A	04/01/2006	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Eighteen Mile Creek	Eighteenmile Creek	RIVER	15742	10004384	2082400	Dunn	1	0	4.8	4.8	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Eighteen Mile Creek	Eighteenmile Creek	RIVER	1527717	10025426	2082400	Dunn	5	4.8	5.51	0.71	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Elk Creek	Elk Creek	RIVER	5688228	10036680	1782500	Trempealeau	2	0	0.26	0.26	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Elk Creek	Elk Creek	RIVER	14380	10037040	1782500	Trempealeau	1	0.72	21.51	20.79	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Elk Creek	Elk Creek	RIVER	16075	10004656	2120800	Dunn	1	0	4.01	4.01	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Elkhart Lake	Elkhart Lake	LAKE	11365	10001225	59300	Sheboygan	1			291.6	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Elmer School Branch	Elmer School Br	RIVER	18527	10006439	880600	Green	1	0	4	4	MILES	Category 5A	04/01/2014	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Emma Lake	Emma Lake	LAKE	128745	10007843	983500	Oneida	1			226.53	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
English Lake	English Lake	LAKE	9878	10000141	68100	Manitowoc	1			47.95	ACRES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
English Lake	English Lake	LAKE	891177	10008923	2914800	Ashland	1			231.55	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Enterprise Lake	Enterprise Lake	LAKE	127847	10007042	1579700	Langlade	1			508.75	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Esther Park Beach	Lake Monona	INLAND BEACH	1487996	10024785	804600	Dane	3	0	0.15	0.15	MILES	Category 5A	04/01/2014	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Evergreen Creek	Evergreen Creek	RIVER	10058	10000252	23000	Washington	1	0	5.21	5.21	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Fall Creek	Fall Creek	RIVER	16342	10004856	2116700	Pepin, Dunn	1	0	8.24	8.24	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Fall Creek	Fall Creek	RIVER	16095	10004669	2129900	Eau Claire	1	0	3.36	3.36	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Fall Creek	Fall Creek	RIVER	16096	10024641	2129900	Eau Claire	2	3.36	10.69	7.33	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Faxon (Central Park) Creek	Unnamed	RIVER	1525909	10025412	2843700	Douglas	1	0	3.21	3.21	MILES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Feather Branch	Feather Br	RIVER	13776	10002890	917400	Lafayette	1	0	5	5	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Fennimore Fork (Castle Rock)	Castle Rock Creek	RIVER	13275	10002572	1211300	Grant	3	17.14	21.39	4.25	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2004 (4A)
Fennimore Fork (Castle Rock)	Castle Rock Creek	RIVER	13275	10002572	1211300	Grant	3	17.14	21.39	4.25	MILES	Category 4A	04/01/2012	Unknown	Total Phosphorus	Water Quality Use Restrictions	TMDL Approved	Not Applicable	TMDL approved by EPA in 2004 (4A)
Fennimore Fork (Castle Rock)	Castle Rock Creek	RIVER	13276	10002573	1211300	Grant	4	21.39	26.25	4.86	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2004 (4A)
Fenwood Creek	Fenwood Creek	RIVER	12393	10001994	1428700	Marathon	1	0	1.5	1.5	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Fenwood Creek	Fenwood Creek	RIVER	12394	10001995	1428700	Marathon	2	1.5	17	15.5	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Fifth Lake	Fifth Lake	LAKE	128111	10007280	1571100	Oneida	1			237.98	ACRES	Category 5B	04/01/2014	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Finley Lake	Finley Lake	LAKE	16273	10004800	2175700	Chippewa	1			57.99	ACRES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Finley Lake	Finley Lake	LAKE	16273	10004800	2175700	Chippewa	1			57.99	ACRES	Category 5A	04/01/1998	NPS	Total Phosphorus	Eutrophication, Elevated pH	303d Listed	Low	TMDL Needed (5A)
Fischer Park Beaches, Lake Michigan	Lake Michigan	GREAT LAKES BEACH	481811	10008806	20	Manitowoc	5			0.85	MILES	Category 5A	04/01/2016	PS/NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Fish Creek	Fish Creek	RIVER	3924909	10027788	44700	Ozaukee, Milwaukee	1	0	3.38	3.38	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Fish Creek	Fish Creek	RIVER	3924909	10027788	44700	Ozaukee, Milwaukee	1	0	3.38	3.38	MILES	Category 5A	04/01/2018	NPS	Chloride	Chronic Aquatic Toxicity	Addition	Low	TMDL Needed (5A)
Fish Lake	Fish Lake	LAKE	13490	10002702	985100	Dane	1			198.6	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Fisher Creek	Fisher Creek	RIVER	18021	10006065	62500	Sheboygan	1	0	4.4	4.4	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Fisher River	Fisher River	RIVER	16294	10004818	2181500	Taylor, Chippewa	1	0	32.39	32.39	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Fishtrap Lake	Fishtrap Lake	IMPOUNDMENT	15403	10004113	2401100	Sawyer	1			216	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Fleming Creek	Fleming Creek	RIVER	14065	10003053	1685600	La Crosse	2	0	10	10	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Fleming Creek	Fleming Creek	RIVER	14066	10003054	1685600	La Crosse	3	10	19.57	9.57	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Flynn Creek	Flynn Creek	RIVER	11507	10001335	852800	Washington	1	0	5.92	5.92	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Fond Du Lac River	Fond Du Lac River	RIVER	10989	10000946	133700	Fond du Lac	1	0	1.56	1.56	MILES	Category 5A	04/01/1998	Contam. Sed.	Unspecified Metals	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Fond Du Lac River	Fond Du Lac River	RIVER	10989	10000946	133700	Fond du Lac	1	0	1.56	1.56	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Forest Lake	Forest Lake	LAKE	11274	10001152	8900	Fond du Lac	1			50.6	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Foster Lake	Foster Lake	LAKE	128113	10007282	985400	Oneida	1			37.42	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Fourmile Lake (Three Lakes Chain)	Fourmile Lake	LAKE	128114	10007283	1610800	Oneida	1			209.6	ACRES	Category 5B	04/01/2012	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Fourth Lake	Fourth Lake	LAKE	128115	10007284	1572000	Oneida	1			252.95	ACRES	Category 5B	04/01/2014	NPS	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Fox Lake	Fox Lake	LAKE	11413	10001260	835800	Dodge	1			2713.34	ACRES	Category 4A	04/01/2006	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Fox Lake	Fox Lake	LAKE	11413	10001260	835800	Dodge	1			2713.34	ACRES	Category 4A	04/01/2006	Habitat/ Physical	Total Phosphorus	Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Fox River	Fox River	RIVER	424184	10008640	742500	Waukesha	5	180.1	187.16	7.06	MILES	Category 5A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Low DO	303d Listed	Low	TMDL Needed (5A)
Fox River	Fox River	RIVER	424184	10008640	742500	Waukesha	5	180.1	187.16	7.06	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	303d Listed	Low	TMDL Needed (5A)
Fox River	Fox River	RIVER	424184	10008640	742500	Waukesha	5	180.1	187.16	7.06	MILES	Category 5A	04/01/1998	PS/NPS	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Fox River	Fox River	RIVER	424225	10026438	742500	Waukesha	6	187.16	196.64	9.48	MILES	Category 5A	04/01/1998	PS/NPS	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Fox River (At Oshkosh)	Fox River	RIVER	352759	10008466	117900	Winnebago	4	57.76	58.25	0.49	MILES	Category 5A	04/01/2004	Contam. Sed.	PAHs	Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Fox River (Below Barstow Impoundment)	Fox River	RIVER	10461	10000556	742500	Waukesha	2	171.45	175.32	3.87	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	303d Listed	Low	TMDL Needed (5A)
Fox River (Below Barstow Impoundment)	Fox River	RIVER	10461	10000556	742500	Waukesha	2	171.45	175.32	3.87	MILES	Category 5A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Fox River (Below Barstow Impoundment)	Fox River	RIVER	10461	10000556	742500	Waukesha	2	171.45	175.32	3.87	MILES	Category 5A	04/01/1998	PS/NPS	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Fox River (Illinois)	Fox River	RIVER	10507	10000597	742500	Racine, Waukesha, Kenosha	1	113.24	151.34	38.1	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Fox River (Illinois)	Fox River	RIVER	10507	10000597	742500	Racine, Waukesha, Kenosha	1	113.24	151.34	38.1	MILES	Category 5A	04/01/2012	Unknown	Total Phosphorus	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Fox River (Illinois)	Fox River	RIVER	481165	10008798	742500	Waukesha	7	151.34	171.45	20.11	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Fox River (Illinois)	Fox River	RIVER	481165	10008798	742500	Waukesha	7	151.34	171.45	20.11	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Fox River At Buffalo Lake	Buffalo Lake	LAKE	11083	10001014	168000	Marquette	1			2178.92	ACRES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Fox River At Buffalo Lake	Buffalo Lake	LAKE	11083	10001014	168000	Marquette	1			2178.92	ACRES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Fox River, Upper Barstow Impoundment	Fox River	RIVER	424143	10008639	742500	Waukesha	4	176.13	180.1	3.97	MILES	Category 5A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Low DO	303d Listed	Low	TMDL Needed (5A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Fox River, Upper Barstow Impoundment	Fox River	RIVER	424143	10008639	742500	Waukesha	4	176.13	180.1	3.97	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO, Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Fox River, Upper Barstow Impoundment	Fox River	RIVER	424143	10008639	742500	Waukesha	4	176.13	180.1	3.97	MILES	Category 5A	04/01/1998	PS/NPS	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Frame Park Creek	Unnamed	RIVER	424708	10008674	771650	Waukesha	1	0	1.26	1.26	MILES	Category 5A	04/01/1998	NPS	Unspecified Metals	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Frame Park Creek	Unnamed	RIVER	424708	10008674	771650	Waukesha	1	0	1.26	1.26	MILES	Category 5A	04/01/1998	NPS	PAHs	Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Frame Park Creek	Unnamed	RIVER	424708	10008674	771650	Waukesha	1	0	1.26	1.26	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Frame Park Creek	Unnamed	RIVER	424708	10008674	771650	Waukesha	1	0	1.26	1.26	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	TMDL Development	High	TMDL Needed (5A)
Franklin Lake	Franklin Lake	LAKE	128117	10026427	986000	Oneida	1			159.16	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Fredonia Creek	Unnamed	RIVER	10014	10000225	26600	Ozaukee	1	0	4.11	4.11	MILES	Category 4A	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Friday Creek	Friday Creek	RIVER	16488	10004971	2618200	Polk	1	0	2.24	2.24	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Friendship Lake	Friendship Lake	LAKE	424108	10008634	1352000	Adams	1			124.94	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Friess Lake	Friess Lake	LAKE	11510	10007980	853200	Washington	1			121.46	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Galilee Lake	Lake Galilee	LAKE	891262	10008928	2935500	Ashland	1			211.55	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Galloway Creek	Unnamed	RIVER	3990988	10028522	2065700	Dunn	1	0	2.61	2.61	MILES	Category 5A	04/01/2016	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Garners Creek	Garners Creek	RIVER	10845	10000839	127700	Calumet, Outagamie	1	0	6.99	6.99	MILES	Category 5A	04/01/2016	NPS	Chloride	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Garners Creek	Garners Creek	RIVER	10845	10000839	127700	Calumet, Outagamie	1	0	6.99	6.99	MILES	Category 5A	04/01/2008	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Garners Creek	Garners Creek	RIVER	10845	10000839	127700	Calumet, Outagamie	1	0	6.99	6.99	MILES	Category 5A	04/01/2008	PS/NPS	Total Phosphorus	Degraded Biological Community, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Gass Lake	Gass Lake	LAKE	9870	10000133	67100	Manitowoc	1			5.98	ACRES	Category 5A	04/01/2016	NPS	Total Phosphorus	Water Quality Use Restrictions, Excess Algal Growth	303d Listed	Medium	TMDL Needed (5A)
Gates Lake	Gates Lake	LAKE	15396	10004107	1850200	Ashland	1			16.86	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Gelena River	Galena River	RIVER	13833	10002922	935500	Lafayette	1	3	35.66	32.66	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
German Creek	German Creek	RIVER	15820	10004440	2094900	Barron	1	0	7.23	7.23	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Ghost Lake	Ghost Lake	LAKE	15537	10004224	2423000	Sawyer	1			384.05	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Gill Creek	Gill Creek	RIVER	11570	10001389	861700	Dodge	1	0	6.32	6.32	MILES	Category 5A	04/01/2006	NPS	Ammonia (Unionized) - Toxin	Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Gill Creek	Gill Creek	RIVER	11570	10001389	861700	Dodge	1	0	6.32	6.32	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Gill Creek	Gill Creek	RIVER	11570	10001389	861700	Dodge	1	0	6.32	6.32	MILES	Category 5A	04/01/2006	NPS	Total Phosphorus	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Gills Coulee Creek	Gill Coulee Creek	RIVER	13993	10003016	1652300	La Crosse	1	0	1.39	1.39	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2004 (4A)
Gills Coulee Creek	Gill Coulee Creek	RIVER	13994	10008313	1652300	La Crosse	2	1.39	4.86	3.47	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2006 (4A)
Gilmore Lake	Gilmore Lake	LAKE	128123	10008944	1589300	Oneida	1			313.53	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Gilmore Lake	Gilmore Lake	LAKE	17283	10005638	2695800	Washburn	1			371.36	ACRES	Category 5B	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Gilmore Lake	Gilmore Lake	LAKE	17283	10005638	2695800	Washburn	1			371.36	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Glen Lake	Glen Lake	IMPOUNDMENT	15726	10004371	2071700	Saint Croix	1			84	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Goggle-Eye Creek	Goggle-Eye Creek	RIVER	16158	10026566	2148800	Clark	1	0	7.19	7.19	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Medium	TMDL Needed (5A)
Goldenthal Creek	Goldendale Creek	RIVER	10049	10000241	18900	Washington	1	0	3.5	3.5	MILES	Category 4A	04/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Goose Lake	Goose Lake	LAKE	902174	10009843	872600	Dane	1			11.91	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Medium	TMDL Needed (5A)
Grand River	Grand River	RIVER	11097	10001024	159300	Green Lake, Marquette	1	0	21	21	MILES	Category 5A	04/01/2014	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Development	High	TMDL Needed (5A)
Grand River	Grand River	RIVER	10702	10026184	159300	Green Lake, Marquette, Fond du Lac	2	21	43	22	MILES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	High	Phosphorus Listed (5P)
Grandma Creek	Unnamed	RIVER	480998	10008796	62400	Sheboygan	1	0	4.82	4.82	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	303d Listed	Low	TMDL Needed (5A)
Grandma Creek	Unnamed	RIVER	480998	10008796	62400	Sheboygan	1	0	4.82	4.82	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Low DO, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Granite Lake	Granite Lake	LAKE	15877	10004488	2100800	Barron	1			154.94	ACRES	Category 5C	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	Natural Conditions (5C)
Grant Park Beach, Lake Michigan	Lake Michigan	GREAT LAKES BEACH	1452696	10023513	20	Milwaukee	22			0.7	MILES	Category 5A	04/01/2006	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Grant River	Grant River	RIVER	13901	6901613	956000	Grant	1	0	18.87	18.87	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Grant River	Grant River	RIVER	6901615	6901616	956000	Grant	5	18.87	25.94	7.07	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Grantosa Creek	Unnamed	RIVER	3991760	10028600	5035175	Milwaukee	1	0	1.02	1.02	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions, Impairment Unknown	303d Listed	Medium	TMDL Needed (5A)
Greater Bass Lake	Greater Bass Lake	LAKE	127855	10026686	1445500	Langlade	1			244.05	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Green Bay (Gl Shoreline)	Green Bay	GREAT LAKES SHORELINE	483034	10008823	70	Brown, Door, Kewaunee, Oconto, Marinette	2			8.94	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Green Bay (Inner Bay, Aoc)	Green Bay	BAY/HARBOR	357876	10008497	70	Brown	1			13867.4	ACRES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue, Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Green Bay (Inner Bay, Aoc)	Green Bay	BAY/HARBOR	357876	10008497	70	Brown	1			13867.4	ACRES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Green Bay (Inner Bay, Aoc)	Green Bay	BAY/HARBOR	357876	10008497	70	Brown	1			13867.4	ACRES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Green Bay (Wi -Menominee Aoc)	Green Bay	RIVER	884910	10008827	70	Marinette	3	0	6.43	6.43	MILES	Category 5A	04/01/1998	Contam. Sed.	Arsenic	Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Green Bay (Wi -Menominee Aoc)	Green Bay	RIVER	884910	10008827	70	Marinette	3	0	6.43	6.43	MILES	Category 5A	04/01/1998	Contam. Sed.	PAHs	Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Green Lake (Big Green)	Green Lake	LAKE	11023	10000969	146100	Green Lake	1			7485.65	ACRES	Category 5A	04/01/2002	Atm. Dep.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Green Lake (Big Green)	Green Lake	LAKE	11023	10000969	146100	Green Lake	1			7485.65	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Low DO	TMDL Development	High	Natural Conditions (5C)
Griffin Creek	Griffin Creek	RIVER	10403	10000512	279000	Waupaca	1	0	2.83	2.83	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Grubers Grove Bay, Lake Wisconsin	Lake Wisconsin	BAY/HARBOR	887849	10008869	1260600	Sauk	2			25.01	ACRES	Category 5A	04/01/2006	Contam. Sed.	Unspecified Metals	Chronic Aquatic Toxicity	EAP Project	Not Applicable	TMDL Needed (5A)
Grubers Grove Bay, Lake Wisconsin	Lake Wisconsin	BAY/HARBOR	887849	10008869	1260600	Sauk	2			25.01	ACRES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue	EAP Project	Not Applicable	TMDL Needed (5A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Grubers Grove Bay, Lake Wisconsin	Lake Wisconsin	BAY/HARBOR	887849	10008869	1260600	Sauk	2			25.01	ACRES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	EAP Project	Not Applicable	TMDL Needed (5A)
Gunderson Valley Creek	Gunderson Valley Creek	RIVER	887418	10026585	1212600	Grant	1	0	5.4	5.4	MILES	Category 4A	04/01/2002	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2004 (4A)
Gunderson Valley Creek	Gunderson Valley Creek	RIVER	887418	10026585	1212600	Grant	1	0	5.4	5.4	MILES	Category 4A	04/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2004 (4A)
Half Moon Lake	Halfmoon Lake	LAKE	16081	10004659	2125400	Eau Claire	1			135.14	ACRES	Category 4A	04/01/1998	NPS	Total Phosphorus	Eutrophication	TMDL Approved	Not Applicable	TMDL approved by EPA in 2004 (4A)
Halfway Creek	Halfway Creek	RIVER	14056	10003044	1676000	La Crosse	3	7.72	11.59	3.87	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Halfway Prairie Creek	Halfway Prairie Creek	RIVER	13478	10002693	1248800	Dane	1	0	8	8	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Halfway Prairie Creek	Halfway Prairie Creek	RIVER	13478	10002693	1248800	Dane	1	0	8	8	MILES	Category 5A	04/01/2004	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Hallie Lake	Lake Hallie, Lake Hallie 2	IMPOUNDMENT	18837	10006673	2150200	Chippewa	1			78.64	ACRES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Halls Branch	Halls Br	RIVER	887220	10008866	1184300	Crawford	3	1.97	5.16	3.19	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Halls Creek	Halls Creek	RIVER	18612	10006489	1710600	Jackson	1	0	13.19	13.19	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Hamann Creek	Hamann Creek	RIVER	18334	10006305	1429900	Marathon	1	0	10.45	10.45	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Hancock Lake	Hancock Lake	LAKE	128130	10007295	1517900	Oneida	1			258.63	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Hardies Creek	Hardies Creek	RIVER	14072	10007997	1686900	Trempealeau	1	0	1.64	1.64	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Hardies Creek	Hardies Creek	RIVER	14073	10026359	1686900	Trempealeau	2	1.64	3.54	1.9	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Harkner Flowage	Harkner Flowage	IMPOUNDMENT	14169	10026616	1704100	Jackson	1			53.18	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Harmon Lake	Harmon Lake	LAKE	18809	10006650	1852500	Washburn	1			100.17	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Harper Lake, South	South Harper Lake	LAKE	14618	10003458	2204100	Taylor	1			72.32	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Harpt Lake	Harpt Lake	LAKE	10149	10000321	84600	Manitowoc	1			32.2	ACRES	Category 5A	04/01/2016	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Harrington Creek	Harrington Creek	RIVER	11016	10000963	143700	Green Lake	1	0	2.97	2.97	MILES	Category 5A	04/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Development	High	TMDL Needed (5A)
Hartlaub Lake	Hartlaub Lake	LAKE	9871	10000134	67200	Manitowoc	1			37.41	ACRES	Category 5P	04/01/2016	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Hartman Creek	Hartman Creek	RIVER	10298	10000429	263000	Waupaca	1	0	1.61	1.61	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	TMDL Needed (5A)
Harvey Creek	Harvey Creek	RIVER	5541777	10034601	1819300	Buffalo	4	5.64	7.09	1.45	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Harvey Creek	Harvey Creek	RIVER	5514178	10034580	1819300	Buffalo, Pepin	3	7.09	10.68	3.59	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Hawkinson Creek	Hawkinson Creek	RIVER	14386	10003282	1785500	Trempealeau	1	0	4	4	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Hay Creek	Hay Creek	RIVER	13001	10010322	1279000	Sauk	1	0	5.42	5.42	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Development	High	TMDL Needed (5A)
Hay Creek	Hay Creek	RIVER	1453605	10023530	2133300	Eau Claire	3	0	13.06	13.06	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Hay Creek	Hay Creek	RIVER	1453560	10023529	2133300	Eau Claire, Chippewa	2	13.06	21.4	8.34	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Hay Creek (T25N R6W)	Hay Creek	RIVER	16110	10024669	2131900	Eau Claire	1	0	7.07	7.07	MILES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Degraded Biological Community, Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Hay Creek (T25N R6W)	Hay Creek	RIVER	16110	10024669	2131900	Eau Claire	1	0	7.07	7.07	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Addition	Low	TMDL Needed (5A)
Hay Creek (T28N, R5W)	Hay Creek	RIVER	16116	10004682	2133300	Chippewa	1	21.4	26.47	5.07	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Hay Creek (T28n,R14w)	Hay Creek	RIVER	15668	10026180	2067000	Dunn	1	0	4.2	4.2	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Hay River	Hay River	RIVER	15684	10004344	2068600	Barron, Dunn	1	0	37.54	37.54	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Hay River	Hay River	RIVER	1500711	10025025	2068600	Barron	3	37.54	63.83	26.29	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Hayden Creek	Hayden Creek	RIVER	14228	10003162	1713600	Jackson	1	0	3.69	3.69	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Hefty Creek, Center Branch	Center Br Hefty Creek	RIVER	13643	10002815	882200	Green	1	0	5.24	5.24	MILES	Category 5A	04/01/2014	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Hefty Creek, South Branch	South Branch Hefty Creek	RIVER	13642	10002814	882000	Green	1	0	4.04	4.04	MILES	Category 5A	04/01/2014	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Hemlock Creek	Hemlock Creek	RIVER	12224	10001881	1366300	Wood	1	0	27	27	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Degraded Biological Community, Impairment Unknown	TMDL Development	High	TMDL Needed (5A)
Hemlock Lake	Hemlock Lake	LAKE	128137	10008935	989200	Oneida	1			37.99	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Hemlock Lake	Hemlock Lake	LAKE	16230	10004766	1853400	Chippewa	1			29.62	ACRES	Category 5A	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Hemlock Lake	Hemlock Lake	LAKE	16230	10004766	1853400	Chippewa	1			29.62	ACRES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Hemlock Slough	Hemlock Slough	LAKE	424051	10008627	1286100	Sauk	1			22.34	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	303d Listed	High	TMDL Needed (5A)
Hidden Valley Lake	Hidden Valley Lake 1	LAKE	6861331	10040240	903450	Lafayette	1			22.39	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	TMDL Needed (5A)
High Falls Reservoir	High Falls Reservoir	IMPOUNDMENT	18285	10006269	540600	Marinette	1			1498	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Hika Park Bay Beach, Lake Michigan	Lake Michigan	GREAT LAKES BEACH	481845	10008807	20	Manitowoc	6			0.2	MILES	Category 5A	04/01/1998	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Hill Creek	Hill Creek	RIVER	11024	10000970	146200	Green Lake	1	0	1.84	1.84	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	High	TMDL Needed (5A)
Hill Creek	Hill Creek	RIVER	11024	10000970	146200	Green Lake	1	0	1.84	1.84	MILES	Category 5A	04/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Development	High	TMDL Needed (5A)
Hills Creek	Hills Creek	RIVER	18434	10006383	1288800	Juneau, Vernon	1	0	10	10	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Development	High	TMDL Needed (5A)
Hills Lake	Hills Lake	LAKE	10758	10000782	182100	Waushara	1			124.68	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Hodstradt Lake	Hodstradt Lake	LAKE	128143	10007306	990700	Oneida	1			119.44	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Hog Island Inlet	Superior Bay	BAY/HARBOR	891512	10008948	2751300	Douglas	1			18.51	ACRES	Category 5A	04/01/1998	Contam. Sed.	Foam/Flocs/Scum/Oil Slicks	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Hog Island Inlet	Superior Bay	BAY/HARBOR	891512	10008948	2751300	Douglas	1			18.51	ACRES	Category 5A	04/01/1998	Contam. Sed.	PAHs	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Hog Island Inlet	Superior Bay	BAY/HARBOR	891512	10008948	2751300	Douglas	1			18.51	ACRES	Category 5A	04/01/1998	Contam. Sed.	Unspecified Metals	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Holcombe Flowage- HWY 27 Embayment	Holcombe Flowage	IMPOUNDMENT	18659	10006525	2184900	Rusk, Chippewa	1			984.58	ACRES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Holcombe Flowage- HWY 27 Embayment	Holcombe Flowage	IMPOUNDMENT	18659	10006525	2184900	Rusk, Chippewa	1			984.58	ACRES	Category 5A	04/01/1998	NPS	Total Phosphorus	Eutrophication, Elevated pH	303d Listed	Low	TMDL Needed (5A)
Holly Lake, Upper (Holly)	Upper Holly Lake	LAKE	15376	10004089	2394600	Sawyer	1			32.95	ACRES	Category 5B	04/01/2016	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Holmes Avenue Creek	Unnamed	RIVER	9979	10000207	15550	Milwaukee	1	0	1.8	1.8	MILES	Category 4A	04/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Honey Creek	Honey Creek	RIVER	10021	10008001	16300	Milwaukee	2	0	8.96	8.96	MILES	Category 5A	04/01/2018	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	TMDL Needed (5A)
Honey Creek	Honey Creek	RIVER	10021	10008001	16300	Milwaukee	2	0	8.96	8.96	MILES	Category 5A	04/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Honey Creek	Honey Creek	RIVER	10021	10008001	16300	Milwaukee	2	0	8.96	8.96	MILES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Honey Creek	Honey Creek	RIVER	6776684	10039601	751500	Walworth	3	12.2	17.84	5.64	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Honey Creek	Honey Creek	RIVER	10486	10039180	751500	Walworth	1	18.91	24.03	5.12	MILES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Honey Creek	Honey Creek	RIVER	13672	10002834	892300	Green	1	0.62	9.88	9.26	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Honey Creek	Honey Creek	RIVER	13672	10002834	892300	Green	1	0.62	9.88	9.26	MILES	Category 5A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Honey Creek	Honey Creek	RIVER	352889	10008471	892300	Green	2	9.88	16.48	6.6	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Honey Creek	Honey Creek	RIVER	352889	10008471	892300	Green	2	9.88	16.48	6.6	MILES	Category 5A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Honey Creek	Honey Creek	RIVER	13455	10008002	1253900	Sauk	1	0	25.53	25.53	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Honey Creek	Honey Creek	RIVER	13456	10008003	1253900	Sauk	2	25.54	30.46	4.92	MILES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Hoods Creek	Hoods Creek	RIVER	10534	10000606	3100	Racine	1	0	9.7	9.7	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Hoopers Millpond	Hoopers Millpond	IMPOUNDMENT	11384	10001234	830300	Jefferson	1			18.73	ACRES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Horicon Marsh	Horicon Marsh	WETLANDS	11565	10001386	861200	Dodge	1			1000	ACRES	Category 4A	04/01/2006	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Horicon Marsh	Horicon Marsh	WETLANDS	11565	10001386	861200	Dodge	1			1000	ACRES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Horse Lake	Horse Lake	LAKE	16457	10004946	2616200	Polk	1			221.29	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	TMDL Needed (5A)
Horseshoe Lake	Horseshoe Lake	LAKE	14519	10003376	1854300	Chippewa	1			26.73	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Horseshoe Lake	Horseshoe Lake	LAKE	16574	10005047	2630100	Polk, Barron	1			398.08	ACRES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Howe Lake	Howe Lake	LAKE	18858	10006690	1855100	Chippewa	1			66.71	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Hudson Park Beach	Lake Monona	INLAND BEACH	1488247	10024790	804600	Dane	5			0.2	MILES	Category 5A	04/01/2014	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Hulbert Creek	Hulburt Creek	RIVER	13050	10026558	1298500	Sauk	1	0	1.55	1.55	MILES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	High	Phosphorus Listed (5P)
Hulls Lake	Hulls Lake	LAKE	14303	10003222	1762700	Taylor	1			67.26	ACRES	Category 5C	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	303d Listed	Low	Natural Conditions (5C)
Husher Creek (Hoosier)	Husher Creek	RIVER	18118	10027604	3500	Racine	1	0	3.4	3.4	MILES	Category 5A	04/01/2012	Unknown	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Indian Creek	Indian Creek	RIVER	10005	10027434	19600	Milwaukee	1	0	2.63	2.63	MILES	Category 5A	04/01/1998	NPS	Unspecified Metals	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Indian Creek	Indian Creek	RIVER	10005	10027434	19600	Milwaukee	1	0	2.63	2.63	MILES	Category 5A	04/01/2018	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	TMDL Needed (5A)
Indian Creek	Indian Creek	RIVER	10005	10027434	19600	Milwaukee	1	0	2.63	2.63	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Indian Creek	Indian Creek	RIVER	10005	10027434	19600	Milwaukee	1	0	2.63	2.63	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Indian Creek	Indian Creek	RIVER	13316	10002603	1219700	Richland	1	0	3.85	3.85	MILES	Category 5C	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	Natural Conditions (5C)
Inlet of Lake Ripley	Unnamed	RIVER	5476766	10031002	809700	Jefferson	1	0	3.62	3.62	MILES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Irish Creek	Irish Creek	RIVER	11569	10026550	861600	Dodge	1	0	3.79	3.79	MILES	Category 5A	04/01/2006	NPS	Ammonia (Unionized) - Toxin	Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Irish Creek	Irish Creek	RIVER	11569	10026550	861600	Dodge	1	0	3.79	3.79	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Irish Creek	Irish Creek	RIVER	11569	10026550	861600	Dodge	1	0	3.79	3.79	MILES	Category 5A	04/01/2006	NPS	Total Phosphorus	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Irish Valley Creek	Unnamed	RIVER	14452	10026228	1811400	Buffalo	1	0	7.89	7.89	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Irvin Creek	Irvin Creek	RIVER	14392	10003285	1792200	Trempealeau	1	0	5.31	5.31	MILES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Irvin Creek	Irvin Creek	RIVER	14392	10003285	1792200	Trempealeau	1	0	5.31	5.31	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
Irving Lake (Ballard Chain)	Irving Lake	LAKE	15236	10003971	2340900	Vilas	1			418.66	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Island Lake (Three Lakes Chain)	Island Lake	LAKE	128153	10007314	1610500	Oneida	1			304.52	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Island Lake T44 R1e S25	Island Lake	LAKE	891296	10008930	2945500	Iron	1			344.25	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Jack Creek	Jack Creek	RIVER	14259	10008185	1748000	Clark	1	0	12.16	12.16	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Jackson Creek	Jackson Creek	RIVER	11619	10036561	793800	Walworth	1	0	2.89	2.89	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Jackson Creek	Unnamed	RIVER	10065	10000257	23900	Washington	1	0	1.25	1.25	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Jag Lake	Jag Lake	LAKE	15126	10003879	1855900	Vilas	1			161.71	ACRES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Jahns Valley Creek	Unnamed	RIVER	14449	10026500	1810800	Buffalo	1	0	7.71	7.71	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Jambo Creek	Jambo Creek	RIVER	10146	10000318	84300	Kewaunee	3	8.1	10.1	2	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
Jarrett Creek at Schneider Ave	Unnamed	RIVER	3991015	10028523	2067800	Dunn	1	0	2.65	2.65	MILES	Category 5A	04/01/2016	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Jennie Webber Lake	Jennie Webber Lake	LAKE	128156	10007317	1574300	Oneida	1			236.71	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Jersey Valley Lake	Jersey Valley Lake	LAKE	13167	10002517	1191600	Vernon	1			51.83	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Jetzers Creek Tributary	Unnamed	RIVER	948890	10010397	62600	Sheboygan	1	0	3.53	3.53	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Jockey Hollow Creek	Unnamed	RIVER	13690	10002843	899500	Green, Lafayette	1	0	3.1	3.1	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Johnson Coulee Creek	Unnamed	RIVER	14059	10003047	1676400	La Crosse	1	0	2.26	2.26	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Johnson Creek	Johnson Creek	RIVER	11449	10001286	846700	Jefferson	1	0	17.5	17.5	MILES	Category 4A	04/01/2006	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Johnson Creek	Johnson Creek	RIVER	11449	10001286	846700	Jefferson	1	0	17.5	17.5	MILES	Category 4A	04/01/2012	Unknown	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Jordan Creek	Jordan Creek	RIVER	13680	10002839	895000	Green	1	0	6	6	MILES	Category 5A	04/01/2010	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Jordon Creek	Jordan Creek	RIVER	18046	10006086	80200	Calumet	1	0	1.36	1.36	MILES	Category 5A	04/01/2002	Contam. Sed.	PCBs	Contaminated Fish Tissue, Contaminated Sediment	EAP Project	Not Applicable	TMDL Needed (5A)
Juda Branch	Juda Br	RIVER	13614	10035441	877500	Green	1	0	4.43	4.43	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Juda Branch	Juda Br	RIVER	13614	10035441	877500	Green	1	0	4.43	4.43	MILES	Category 5A	04/01/2016	Habitat/ Physical	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Jug Creek	Jug Creek	RIVER	13192	10002529	1195500	Vernon	1	0	4.65	4.65	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Julia Lake	Julia Lake	LAKE	128160	10008945	1614300	Forest, Oneida	1			404.22	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Julia Lake	Lake Julia	LAKE	128167	10007325	995000	Oneida	1			240.66	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Kankapot Creek	Kankapot Creek	RIVER	10844	10000838	126800	Outagamie	1	0	2.66	2.66	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Kankapot Creek	Kankapot Creek	RIVER	10844	10000838	126800	Outagamie	1	0	2.66	2.66	MILES	Category 4A	04/01/2008	PS/NPS	Total Phosphorus	Degraded Biological Community, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Kankapot Creek	Kankapot Creek	RIVER	357763	10008496	126800	Calumet, Outagamie	2	2.66	9.57	6.91	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Kankapot Creek	Kankapot Creek	RIVER	357763	10008496	126800	Calumet, Outagamie	2	2.66	9.57	6.91	MILES	Category 4A	04/01/2008	PS/NPS	Total Phosphorus	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Kawaguesaga Lake	Kawaguesaga Lake	LAKE	128163	10007322	1542300	Oneida	1			699.77	ACRES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Kelsey Br	Kelsey Br	RIVER	13839	10002928	936600	Lafayette	1	0	2	2	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Kentuck Lake	Kentuck Lake	LAKE	128505	10007625	716800	Forest, Vilas	1			1001.15	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Kentuck Lake	Kentuck Lake	LAKE	128505	10007625	716800	Forest, Vilas	1			1001.15	ACRES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Kewaunee Inner Harbor	Kewaunee River	BAY/HARBOR	482755	10008820	90700	Kewaunee	4			36.43	ACRES	Category 5A	04/01/1998	Contam. Sed.	Unspecified Metals	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Kewaunee Inner Harbor	Kewaunee River	BAY/HARBOR	482755	10008820	90700	Kewaunee	4			36.43	ACRES	Category 5A	04/01/1998	Other	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Kewaunee River	Kewaunee River	RIVER	18061	10026146	90700	Kewaunee	2	2.63	13.51	10.88	MILES	Category 5A	04/01/2006	Other	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Kewaunee River	Kewaunee River	RIVER	10170	10026813	90700	Kewaunee	3	13.51	16.36	2.85	MILES	Category 5A	04/01/1998	Other	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Kewaunee River	Kewaunee River	RIVER	482871	10008821	90700	Brown, Kewaunee	5	16.36	27.89	11.53	MILES	Category 5A	04/01/1998	Other	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Kewaunee River and Marsh	Kewaunee River	RIVER	10169	10025677	90700	Kewaunee	1	0.37	2.63	2.26	MILES	Category 5A	04/01/1998	Other	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Kewaunee River and Marsh	Kewaunee River	RIVER	10169	10025677	90700	Kewaunee	1	0.37	2.63	2.26	MILES	Category 5A	04/01/1998	Contam. Sed.	Unspecified Metals	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Kewaunee River and Marsh	Kewaunee River	RIVER	10169	10025677	90700	Kewaunee	1	0.37	2.63	2.26	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Kickapoo River	Kickapoo River	RIVER	887065	10008863	1182400	Crawford	4	19.05	25.45	6.4	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Kickapoo River	Kickapoo River	RIVER	887065	10008863	1182400	Crawford	4	19.05	25.45	6.4	MILES	Category 5A	04/01/1998	Other	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Kickapoo River	Kickapoo River	RIVER	13169	10002518	1182400	Monroe, Richland, Vernon	2	61.03	107.83	46.8	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Kickapoo River	Kickapoo River	RIVER	6895701	10040704	1182400	Monroe	10	107.83	112.26	4.43	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Kickapoo River	Kickapoo River	RIVER	5782086	6903170	1182400	Monroe	8	112.26	119.4	7.14	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Killsnake River	Killsnake River	RIVER	18043	10006083	78200	Calumet	1	0	19.73	19.73	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Killsnake River	Killsnake River	RIVER	18043	10006083	78200	Calumet	1	0	19.73	19.73	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Addition	Medium	TMDL Needed (5A)
Kinnickinnic River	Kinnickinnic River	RIVER	9973	10008186	15100	Milwaukee	1	0	3.16	3.16	MILES	Category 5A	04/01/1998	Contam. Sed.	Unspecified Metals	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Kinnickinnic River	Kinnickinnic River	RIVER	9973	10008186	15100	Milwaukee	1	0	3.16	3.16	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Kinnickinnic River	Kinnickinnic River	RIVER	9973	10008186	15100	Milwaukee	1	0	3.16	3.16	MILES	Category 5A	04/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Kinnickinnic River	Kinnickinnic River	RIVER	9973	10008186	15100	Milwaukee	1	0	3.16	3.16	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Kinnickinnic River	Kinnickinnic River	RIVER	9973	10008186	15100	Milwaukee	1	0	3.16	3.16	MILES	Category 5A	04/01/1998	PS/NPS	E. coli	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Kinnickinnic River	Kinnickinnic River	RIVER	9974	10008007	15100	Milwaukee	2	3.16	5.49	2.33	MILES	Category 5A	04/01/2014	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Kinnickinnic River	Kinnickinnic River	RIVER	9974	10008007	15100	Milwaukee	2	3.16	5.49	2.33	MILES	Category 5A	04/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Kinnickinnic River	Kinnickinnic River	RIVER	9974	10008007	15100	Milwaukee	2	3.16	5.49	2.33	MILES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Kinnickinnic River	Kinnickinnic River	RIVER	3899425	10027436	15100	Milwaukee	3	5.49	9.93	4.44	MILES	Category 5A	04/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	TMDL Needed (5A)
Kinnickinnic River	Kinnickinnic River	RIVER	3899425	10027436	15100	Milwaukee	3	5.49	9.93	4.44	MILES	Category 5A	04/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Kinnickinnic River	Kinnickinnic River	RIVER	3899425	10027436	15100	Milwaukee	3	5.49	9.93	4.44	MILES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Klawitter Creek	Klawitter Creek	RIVER	10713	10000748	164900	Marquette	1	0	3.75	3.75	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Kohlsville River	Kohlsville River	RIVER	11595	10035881	865400	Washington	1	0	8.33	8.33	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Kohlsville River	Kohlsville River	RIVER	11595	10035881	865400	Washington	1	0	8.33	8.33	MILES	Category 4A	04/01/2012	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Kroenke Creek	Kroenke Creek	RIVER	11107	10001033	326700	Shawano	2	4.55	8.6	4.05	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	High	TMDL Needed (5A)
Krok Creek	Krok Creek	RIVER	10162	10000334	86700	Kewaunee	1	0.01	0.68	0.67	MILES	Category 5A	04/01/2012	Unknown	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Krok Creek	Krok Creek	RIVER	903433	10010003	86700	Kewaunee	2	0.69	3.33	2.64	MILES	Category 5A	04/01/2012	Unknown	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Kuenster Creek	Kuenster Creek	RIVER	13910	10002972	957900	Grant	1	0	1	1	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Kuenster Creek	Kuenster Creek	RIVER	18564	10036763	957900	Grant	2	1	9.86	8.86	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Kummel Creek	Kiefer Creek	RIVER	11592	10001406	863500	Dodge	1	0	10.38	10.38	MILES	Category 5A	04/01/2006	PS/NPS	Ammonia (Unionized) - Toxin	Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Kummel Creek	Kiefer Creek	RIVER	11592	10001406	863500	Dodge	1	0	10.38	10.38	MILES	Category 5A	04/01/2006	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Kummel Creek	Kiefer Creek	RIVER	11592	10001406	863500	Dodge	1	0	10.38	10.38	MILES	Category 5A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Kummel Creek	Kiefer Creek	RIVER	11593	10001407	863500	Dodge	2	10.38	11.54	1.16	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Kummel Creek	Kiefer Creek	RIVER	11593	10001407	863500	Dodge	2	10.38	11.54	1.16	MILES	Category 4A	04/01/2006	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Kummel Creek	Kiefer Creek	RIVER	358204	10008500	863500	Dodge, Fond du Lac	3	11.54	14	2.46	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Kummel Creek	Kiefer Creek	RIVER	358235	10008501	863500	Fond du Lac	4	14	17.96	3.96	MILES	Category 4A	04/01/2006	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Kummel Creek	Kiefer Creek	RIVER	358235	10008501	863500	Fond du Lac	4	14	17.96	3.96	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Kusel Lake	Kusel Lake	LAKE	10761	10000785	189600	Waushara	1			73.73	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
La Crosse River	La Crosse River	RIVER	14023	10003027	1650200	Monroe, La Crosse	1	0	40.19	40.19	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Lac Courte Oreilles	Lac Courte Oreilles	LAKE	15368	10004082	2390800	Sawyer	1			5139.54	ACRES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Low DO	Proposed for List	Low	TMDL Needed (5A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Lac La Belle	Lac La Belle	LAKE	11489	10001317	848800	Waukesha	1			1153.74	ACRES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lac Sault Dore (Soo Lake)	Lac Sault Dore	LAKE	14708	10003528	2236800	Price	1			600.83	ACRES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Lake Alice	Lake Alice	IMPOUNDMENT	127972	10008855	1555900	Lincoln	1			1438.32	ACRES	Category 5A	04/01/1998	Other	BOD, sediment load (Sediment Oxygen Demand)	Low DO	303d Listed	Low	TMDL Needed (5A)
Lake Altoona	Altoona Lake	LAKE	16084	10004661	2128100	Eau Claire	1			719.87	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	Addition	Low	TMDL Needed (5A)
Lake Arrowhead	Lake Arrowhead	IMPOUNDMENT	1851405	10025501	1377700	Adams	1			295.11	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Lake Butte Des Morts	Lake Butte des Morts	LAKE	11004	10000955	139900	Winnebago	1			8569.14	ACRES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Eutrophication	TMDL Development	High	TMDL Needed (5A)
Lake Butte Des Morts	Lake Butte des Morts	LAKE	11004	10000955	139900	Winnebago	1			8569.14	ACRES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO, Eutrophication, Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
Lake Chetac	Lake Chetac	LAKE	16054	10004641	2113300	Sawyer	1			2399.64	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Lake Content	Lake Content	LAKE	128514	10007633	1592000	Vilas	1			239.01	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
Lake Desair	Lake Desair	LAKE	15983	10004580	2104500	Barron	1			79.48	ACRES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Eutrophication	303d Listed	Low	TMDL Needed (5A)
Lake Desair	Lake Desair	LAKE	15983	10004580	2104500	Barron	1			79.48	ACRES	Category 5A	04/01/1998	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Lake DuBay	Lake Du Bay	IMPOUNDMENT	3900358	10027538	1412200	Marathon, Portage	1			4919.35	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Lake Emily	Lake Emily	LAKE	1525397	10025403	161600	Dodge	1			268.24	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
Lake George	Lake George	IMPOUNDMENT	15644	10006024	2059800	Pierce, Saint Croix	1			134.55	ACRES	Category 5A	04/01/2002	NPS	Total Phosphorus	Elevated pH	303d Listed	Low	TMDL Needed (5A)
Lake Kegonsa	Lake Kegonsa	LAKE	11643	10027603	802600	Dane	1			3200.49	ACRES	Category 4A	04/01/2012	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Lake Koshkonong	Lake Koshkonong	LAKE	11710	10001493	808700	Dane, Jefferson, Rock	1			10595.7	ACRES	Category 4A	04/01/2002	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat, Turbidity	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Lake Koshkonong	Lake Koshkonong	LAKE	11710	10001493	808700	Dane, Jefferson, Rock	1			10595.7	ACRES	Category 4A	04/01/2002	PS/NPS	Total Phosphorus	Low DO, Eutrophication	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Lake Lorraine	Lake Lorraine	LAKE	11774	10001543	777500	Walworth	1			63.27	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	Addition	Low	TMDL Needed (5A)
Lake Menomin	Lake Menomin	IMPOUNDMENT	15651	10008154	2065900	Dunn	1			1008.65	ACRES	Category 4A	04/01/1998	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth, Elevated pH	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Lake Michigan	Lake Michigan	GREAT LAKES SHORELINE	892521	10008956	20	Door, Kewaunee, Manitowoc, Ozaukee, Racine, Sheboygan, Kenosha, Milwaukee	12			103.38	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lake Michigan	Lake Michigan	GREAT LAKES SHORELINE	892521	10008956	20	Door, Kewaunee, Manitowoc, Ozaukee, Racine, Sheboygan, Kenosha, Milwaukee	12			103.38	MILES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Lake Mohawksin	Lake Mohawksin	IMPOUNDMENT	127977	10007160	1515400	Lincoln	1			1508.34	ACRES	Category 5A	04/01/1998	Other	BOD, sediment load (Sediment Oxygen Demand)	Low DO	303d Listed	Low	TMDL Needed (5A)
Lake Montanis	Lake Montanis	LAKE	15975	10004574	2103200	Barron	1			211.68	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	TMDL Needed (5A)
Lake Nebagamon	Lake Nebagamon	LAKE	20304	10010781	2865000	Douglas	1			985.56	ACRES	Category 5B	04/01/2010	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Lake Pepin	Lake Pepin	LAKE	4704964	10030300	731800	Buffalo, Pierce, Pepin	1			25502.8	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Lake Shangrila	Lake Shangrila	LAKE	10417	10000521	734700	Kenosha	1			73.93	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Medium	TMDL Needed (5A)
Lake Sherwood	Lake Sherwood	IMPOUNDMENT	1851420	10026706	1377900	Adams	1			214.71	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Lake Superior	Lake Superior	GREAT LAKES SHORELINE	892439	10008955	2751220	Douglas	1			156.01	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lake Superior	Lake Superior	GREAT LAKES SHORELINE	892439	10008955	2751220	Douglas	1			156.01	MILES	Category 5A	04/01/2006	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Lake Superior (mouth of Bois Brule River)	Lake Superior	LAKE	1855784	10025773	2751220	Douglas	10			66.09	ACRES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lake Superior (mouth of Bois Brule River)	Lake Superior	LAKE	1855784	10025773	2751220	Douglas	10			66.09	ACRES	Category 5A	04/01/2006	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Lake Three	Lake Three	LAKE	891194	10008924	2915800	Ashland	1			61.4	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Lake Waubesa	Lake Waubesa	LAKE	11661	10001452	803700	Dane	1			2074.53	ACRES	Category 4A	04/01/2012	PS/NPS	Total Phosphorus	Water Quality Use Restrictions, Impairment Unknown, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Lake Wingra	Lake Wingra	LAKE	11667	10001457	805000	Dane	1			336.28	ACRES	Category 5A	04/01/2012	Unknown	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lake Winnebago	Lake Winnebago	LAKE	358400	10026871	131100	Calumet, Winnebago, Fond du Lac	1			131942	ACRES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Turbidity	TMDL Development	High	TMDL Needed (5A)
Lake Winnebago	Lake Winnebago	LAKE	358400	10026871	131100	Calumet, Winnebago, Fond du Lac	1			131942	ACRES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO, Eutrophication, Water Quality Use Restrictions, Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
Lake Wisconsin	Lake Wisconsin	IMPOUNDMENT	13500	10002709	1260600	Sauk, Columbia	1			7197.26	ACRES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lake Wisconsin	Lake Wisconsin	IMPOUNDMENT	13500	10002709	1260600	Sauk, Columbia	1			7197.26	ACRES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lake Wisconsin	Lake Wisconsin	IMPOUNDMENT	13500	10002709	1260600	Sauk, Columbia	1			7197.26	ACRES	Category 5A	04/01/2010	NPS	Total Phosphorus	Low DO, Eutrophication, Recreational Restrictions - Blue Green Algae	TMDL Development	High	TMDL Needed (5A)
Lakes Of The Pines (Pickerel)	Lake of the Pines	LAKE	14844	10026309	2275300	Sawyer	1			272.73	ACRES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Excess Algal Growth	Proposed for List	Low	TMDL Needed (5A)
Lannon Creek	Lannon Creek	RIVER	424314	10008642	773700	Waukesha	1	0	5.48	5.48	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Lau Creek	Lau Creek	RIVER	11399	10001247	831600	Dodge	1	0	6	6	MILES	Category 4A	04/01/2006	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Laurel Lake (Three Lakes Chain)	Laurel Lake	LAKE	128175	10007332	1611800	Oneida	1			248.65	ACRES	Category 5A	04/01/2018	Atm. Dep.	Mercury	Contaminated Fish Tissue	Proposed for List	Low	Mercury Atm. Dep. (5B)
Laurel Lake (Three Lakes Chain)	Laurel Lake	LAKE	128175	10007332	1611800	Oneida	1			248.65	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	TMDL Needed (5A)
Lazy Lake (Fall R Millpond)	Lazy Lake (Fall R Millpond)	LAKE	11442	10010053	843400	Columbia	1			206	ACRES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Water Quality Use Restrictions, Impairment Unknown, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Leech Creek	Leech Creek	RIVER	12980	10038885	1271600	Sauk	2	4.42	7.82	3.4	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	TMDL Needed (5A)
Legler School Branch	Legler School Br	RIVER	13646	10002818	882900	Green	1	0.01	5.5	5.49	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Lehner Creek	Lehner Creek	RIVER	10067	10000259	24400	Washington	1	0	2.12	2.12	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Lemonweir River	Lemonweir River	RIVER	13059	10030861	1301700	Juneau	2	0	25.8	25.8	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Lemonweir River	Lemonweir River	RIVER	13060	10030860	1301700	Juneau	3	25.8	30.64	4.84	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Lemonweir River	Lemonweir River	RIVER	201397	10030862	1301700	Juneau, Monroe	4	30.64	55.88	25.24	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Leota Lake	Leota Lake	LAKE	902198	10009847	884700	Rock	1			35.65	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions, Excess Algal Growth	303d Listed	Medium	TMDL Needed (5A)
Lilly Creek	Unnamed	RIVER	10042	10008011	18400	Waukesha	1	0	4.7	4.7	MILES	Category 5A	04/01/2016	NPS	Chloride	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Lilly Creek	Unnamed	RIVER	10042	10008011	18400	Waukesha	1	0	4.7	4.7	MILES	Category 5A	04/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Lily River	Lily River	RIVER	10555	10000624	370900	Forest, Langlade	1	0	9.51	9.51	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Limestone Creek	Limestone Creek	RIVER	11601	10001411	866800	Washington	1	0	1.67	1.67	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Limestone Creek	Limestone Creek	RIVER	11602	10026552	866800	Washington	2	1.67	4.5	2.83	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Lincoln Creek	Lincoln Creek	RIVER	9999	10000218	19400	Milwaukee	1	0	9.7	9.7	MILES	Category 5A	04/01/2014	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Lincoln Creek	Lincoln Creek	RIVER	9999	10000218	19400	Milwaukee	1	0	9.7	9.7	MILES	Category 5A	04/01/1998	Other	PAHs	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Lincoln Creek	Lincoln Creek	RIVER	9999	10000218	19400	Milwaukee	1	0	9.7	9.7	MILES	Category 5A	04/01/2012	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lincoln Creek	Lincoln Creek	RIVER	9999	10000218	19400	Milwaukee	1	0	9.7	9.7	MILES	Category 5A	04/01/1998	Other	Unspecified Metals	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Lincoln Creek	Lincoln Creek	RIVER	9999	10000218	19400	Milwaukee	1	0	9.7	9.7	MILES	Category 5A	04/01/1998	Other	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Lincoln Creek	Lincoln Creek	RIVER	9999	10000218	19400	Milwaukee	1	0	9.7	9.7	MILES	Category 5A	04/01/1998	Other	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Lipsett Lake	Lipsett Lake	LAKE	16977	10005383	2678100	Burnett	1			392.62	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Little Arbor Vitae Lake	Little Arbor Vitae Lake	LAKE	128524	10007641	1545300	Vilas	1			479.9	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	High	Natural Conditions (5C)
Little Baraboo River	Little Baraboo River	RIVER	13007	10002430	1282500	Richland, Sauk	1	0	11.93	11.93	MILES	Category 5A	04/01/2014	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Development	High	TMDL Needed (5A)
Little Bear Creek	Little Bear Creek	RIVER	18505	10006421	1234700	Richland, Sauk	1	0	6.77	6.77	MILES	Category 5A	04/01/2010	NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Little Bear Creek	Little Bear Creek	RIVER	18505	10006421	1234700	Richland, Sauk	1	0	6.77	6.77	MILES	Category 5A	04/01/2010	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Little Bear Creek	Little Bear Creek	RIVER	12359	10001972	1416900	Wood	1	0	1.5	1.5	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Degraded Biological Community, Impairment Unknown	TMDL Development	High	TMDL Needed (5A)
Little Bear Creek	Little Bear Creek	RIVER	12360	10001973	1416900	Wood	2	1.5	8	6.5	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Little Bear Creek	Little Bear Creek	RIVER	15571	10004255	2048000	Buffalo	1	0	4.35	4.35	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Little Bearskin Lake	Little Bearskin Lake	LAKE	128180	10007337	1523500	Oneida	1			184.08	ACRES	Category 5C	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	High	Natural Conditions (5C)
Little Beaver Creek	Little Beaver Creek	RIVER	15691	10008012	2076300	Dunn	1	0	6.97	6.97	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Little Black River	Little Black River	RIVER	14317	10003233	1765300	Taylor	1	0	7.55	7.55	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
Little Creek	Little Creek	RIVER	10334	10000459	280700	Waupaca	1	0	5.89	5.89	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	High	TMDL Needed (5A)
Little Crooked Lake	Little Crooked Lake	LAKE	128530	10007646	2335500	Vilas	1			153.68	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Little Door Creek	Little Door Creek	RIVER	11645	10026554	802900	Dane	1	0	5.93	5.93	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Little Dummy Lake	Little Dummy Lake	LAKE	15835	10004451	1861400	Barron	1			42.69	ACRES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Little Eau Pleine River	Little Eau Pleine River	RIVER	12354	10001970	1412600	Marathon, Portage	1	0	28.6	28.6	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Development	High	TMDL Needed (5A)
Little Eau Pleine River	Little Eau Pleine River	RIVER	12355	10026655	1412600	Clark, Marathon	2	28.6	57	28.4	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Little Fork Lake (Three Lakes Chain)	Little Fork Lake	LAKE	128181	10007338	1610600	Oneida	1			336.42	ACRES	Category 5B	04/01/2018	Atm. Dep.	Mercury	Contaminated Fish Tissue	Proposed for List	Low	Mercury Atm. Dep. (5B)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Little Green Lake	Little Green Lake	LAKE	18120	10006144	162500	Green Lake	1			462.42	ACRES	Category 5A	04/01/2006	NPS	Total Phosphorus	Low DO, Eutrophication, Water Quality Use Restrictions, Degraded Habitat, Excess Algal Growth, Elevated pH	TMDL Development	High	TMDL Needed (5A)
Little Hemlock Creek	Little Hemlock Creek	RIVER	12225	10001882	1367100	Wood	1	0	10.39	10.39	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	High	TMDL Needed (5A)
Little Hoten Creek	Hoton Creek	RIVER	13100	10010367	1307000	Juneau	1	0	2.23	2.23	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Little Hoton Creek	Hoton Creek	RIVER	1442012	10023404	1307000	Juneau	2	2.23	3.93	1.7	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Little La Crosse River	Little La Crosse River	RIVER	14008	10030063	1655900	Monroe	1	0	10.25	10.25	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Little Lake Wissota	Lake Wissota	BAY/HARBOR	1521682	10025270	2152800	Chippewa	2			395.79	ACRES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Eutrophication	TMDL Approved	Not Applicable	TMDL approved by EPA in 2010 (4A)
Little Lake Wissota	Lake Wissota	BAY/HARBOR	1521682	10025270	2152800	Chippewa	2			395.79	ACRES	Category 4A	04/01/1998	PS/NPS	Total Phosphorus	Eutrophication, Elevated pH	TMDL Approved	Not Applicable	TMDL approved by EPA in 2010 (4A)
Little Lemonweir River	Little Lemonweir River	RIVER	18456	10006394	1306100	Juneau	1	0	4.62	4.62	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Little Lemonweir River	Little Lemonweir River	RIVER	948033	10010364	1306100	Juneau	2	4.62	12.36	7.74	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Little Lemonweir River	Little Lemonweir River	RIVER	948058	10010365	1306100	Juneau, Monroe	3	12.36	22.86	10.5	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Little Lemonweir River	Little Lemonweir River	RIVER	948085	10010366	1306100	Monroe	4	22.86	24.81	1.95	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Little Menomonee	Little Menomonee River	RIVER	10038	10008014	17600	Ozaukee, Milwaukee	-9	0	9	9	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Little Menomonee	Little Menomonee River	RIVER	10038	10008014	17600	Ozaukee, Milwaukee	-9	0	9	9	MILES	Category 5A	04/01/2016	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Little Menomonee	Little Menomonee River	RIVER	10038	10008014	17600	Ozaukee, Milwaukee	-9	0	9	9	MILES	Category 5A	04/01/1998	Contam. Sed.	Creosote	Chronic Aquatic Toxicity	EAP Project	Not Applicable	TMDL Needed (5A)
Little Menomonee	Little Menomonee River	RIVER	10038	10008014	17600	Ozaukee, Milwaukee	-9	0	9	9	MILES	Category 5A	04/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Little Menomonee	Little Menomonee River	RIVER	10038	10008014	17600	Ozaukee, Milwaukee	-9	0	9	9	MILES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Little Menomonee River	Little Menomonee Creek	RIVER	10039	10000244	17900	Ozaukee	1	0	3.9	3.9	MILES	Category 5A	04/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Little Otter Creek	Little Otter Creek	RIVER	18834	10006672	2147300	Clark, Chippewa	1	0	4.89	4.89	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Medium	TMDL Needed (5A)
Little Platte River	Little Platte River	RIVER	1527892	10025429	943800	Grant	4	0	33.98	33.98	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Little Rice Lake	Little Rice Lake	LAKE	10668	10000719	406400	Forest	1			1200.57	ACRES	Category 5B	04/01/2010	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Little River	Little River	RIVER	10881	10035800	441300	Oconto	1	0	9.95	9.95	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Little Sand Lake	Little Sand Lake	LAKE	10609	10000672	389700	Forest, Langlade	1			236.96	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Little Sand Lake	Little Sand Lake	LAKE	16827	10005256	2661600	Barron	1			94.21	ACRES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Little Suamico River	Little Suamico River	RIVER	10862	10026474	411800	Brown, Oconto, Shawano	1	0	23.78	23.78	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Little Sugar River	Little Sugar River	RIVER	13633	10026178	880100	Green	1	0	19.76	19.76	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Little Sugar River, West Branch	West Branch Little Sugar River	RIVER	13639	10038362	881400	Green	1	0	6.87	6.87	MILES	Category 5A	04/01/2014	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Little Turtle Creek	Little Turtle Creek	RIVER	1493752	10024899	791700	Rock, Walworth	4	1.03	7.34	6.31	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Little Waumandee Creek	Little Waumandee Creek	RIVER	14446	10003320	1810300	Buffalo	1	0	11	11	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Little Willow Creek	Little Willow Creek	RIVER	13349	10008180	1221300	Richland	1	0	7.73	7.73	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Little Willow Creek	Little Willow Creek	RIVER	13349	10008180	1221300	Richland	1	0	7.73	7.73	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Little Willow Creek	Little Willow Creek	RIVER	13349	10008180	1221300	Richland	1	0	7.73	7.73	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Little Yellow Lake	Little Yellow Lake	LAKE	16927	10005342	2674800	Burnett	1			332.39	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Livingston Branch	Livingston Br	RIVER	13828	10002919	932700	Iowa	1	0	11.62	11.62	MILES	Category 5A	04/01/1998	NPS	Ammonia (Unionized) - Toxin	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Livingston Branch	Livingston Br	RIVER	13828	10002919	932700	Iowa	1	0	11.62	11.62	MILES	Category 5A	04/01/1998	NPS	BOD	Low DO	303d Listed	Low	TMDL Needed (5A)
Livingston Branch	Livingston Br	RIVER	13828	10002919	932700	Iowa	1	0	11.62	11.62	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO, Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Local Water	Unnamed	RIVER	3991787	10028601	2450	Racine	1	0	0.58	0.58	MILES	Category 5A	04/01/2016	NPS	Chloride	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Local Water	Unnamed	RIVER	3996336	10028807	6300	Waukesha, Milwaukee	1	0	4.18	4.18	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Local Water	Unnamed	RIVER	5690388	10036118	125200	Brown, Outagamie	1	0	9.39	9.39	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Local Water	Unnamed	RIVER	5691675	10036152	132300	Winnebago	1	0	1.8	1.8	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	High	TMDL Needed (5A)
Local Water	Unnamed	RIVER	3994614	10028743	138800	Fond du Lac	1	0	3.72	3.72	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	High	Phosphorus Listed (5P)
Local Water	Unnamed	RIVER	1524881	10025371	323500	Shawano	1	0	2.71	2.71	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	High	TMDL Needed (5A)
Local Water	Unnamed	RIVER	3992334	10028626	441100	Oconto	1	0	2.57	2.57	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Local Water	Unnamed	RIVER	3894716	10026987	737350	Kenosha	1	0	1.49	1.49	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Local Water	Unnamed	RIVER	5703959	10037003	806300	Dane	2	0	2.51	2.51	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Local Water	Unnamed	RIVER	3991645	10028566	870400	Fond du Lac	2	0	7.3	7.3	MILES	Category 5P	04/01/2016	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Local Water	Unnamed	RIVER	3991618	10028565	870800	Fond du Lac	1	0	7.87	7.87	MILES	Category 5A	04/01/2016	NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Local Water	Unnamed	RIVER	3992057	10028611	917800	Lafayette	1	0	2.46	2.46	MILES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Local Water	Unnamed	RIVER	5721815	10037526	1202100	Monroe	1	0	1.44	1.44	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Local Water	Unnamed	RIVER	5558351	10035220	2145000	Clark	1	0	6.68	6.68	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Local Water	Unnamed	RIVER	5558313	10035219	2145200	Clark	1	0	3.64	3.64	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Local Water	Unnamed	RIVER	3987930	10028285	3000042	Milwaukee	1	0	1.05	1.05	MILES	Category 5A	04/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity	Proposed for List	Low	TMDL Needed (5A)
Local Water	Unnamed	RIVER	5534458	10033561	3000211	Kewaunee	1	0	3.38	3.38	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Medium	TMDL Needed (5A)
Local Water	Unnamed	RIVER	3993990	10028714	3000558	Brown, Shawano	1	0	5	5	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Local Water	Unnamed	RIVER	5738017	10038140	5006245	Barron	1	0	0.45	0.45	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Local Water	Unnamed	RIVER	3994803	10028750	5010743	Oconto	1	0	5.06	5.06	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Local Water	Unnamed	RIVER	3994857	10028752	5020832	Manitowoc	1	0	6.37	6.37	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Local Water	Unnamed	RIVER	3993962	10028713	5022162	Calumet, Outagamie	1	0	4.71	4.71	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Local Water	Unnamed	RIVER	3992145	10028615	5026964	Fond du Lac	1	0	3.26	3.26	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Local Water	Unnamed	RIVER	5729011	10037770	5027792	Juneau	1	0	2.82	2.82	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Local Water	Unnamed	RIVER	5727989	10037706	5033787	Sauk	1	0	3.34	3.34	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Local Water	Unnamed	RIVER	5727823	10037701	5035112	Crawford	1	0	1.6	1.6	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Local Water	Unnamed	RIVER	5702430	10036940	5035724	Dane	1	0	4.98	4.98	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Lomira Creek	Lomira Creek	RIVER	18236	10006229	864100	Dodge	1	0	5.37	5.37	MILES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Long Coulee Creek	Unnamed	RIVER	14057	10003045	1676100	La Crosse	1	0	5.29	5.29	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Long Lake	Long Lake	LAKE	11325	10001197	38700	Sheboygan, Fond du Lac	1			423.49	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Long Lake	Long Lake	LAKE	9816	10000097	321300	Shawano	1			86.64	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Long Lake	Long Lake	LAKE	127980	10026794	1001000	Lincoln	1			119.21	ACRES	Category 5B	04/01/2012	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Long Lake	Long Lake	LAKE	128190	10007346	1001300	Oneida	1			112.9	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Long Lake	Long Lake	LAKE	15992	10004589	2106800	Washburn	1			3478	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Eutrophication, Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Long Lake	Long Lake	IMPOUNDMENT	14719	10003537	2239300	Price	1			418	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Long Lake	Long Lake	LAKE	14983	10003758	2303500	Iron	1			370.14	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Long Lake	Long Lake	LAKE	14556	10003408	2351400	Chippewa	1			935.72	ACRES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Long Lake (Big Long)	Long Lake	LAKE	18042	10006082	77500	Manitowoc	1			127.28	ACRES	Category 5A	04/01/2010	NPS	Total Phosphorus	Eutrophication, Degraded Biological Community, Excess Algal Growth	303d Listed	Medium	TMDL Needed (5A)
Long Lake (Three Lakes Chain)	Long Lake	LAKE	128193	10007349	1609000	Oneida	1			604.27	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Long Lake Br	Long Lake Branch	RIVER	17655	10023242	2894900	Bayfield	1	0	16.92	16.92	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Long Lake Branch	Long Lake Branch	RIVER	1494187	10026961	2894900	Bayfield	2	16.92	22.29	5.37	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Long Lake T34n R17w S06	Long Lake	LAKE	16477	10004962	2478200	Polk	1			273.34	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Long Lake T47 R8w S2	Long Lake	LAKE	890905	10008908	2767100	Bayfield	1			279.62	ACRES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Long Lake T47 R8w S2	Long Lake	LAKE	890905	10008908	2767100	Bayfield	1			279.62	ACRES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Long Lake T48 R5w S6	Long Lake	LAKE	890956	10008911	2767200	Bayfield	1			32.08	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Long Trade Lake	Long Trade Lake	LAKE	16678	10005131	2640500	Polk	1			150.49	ACRES	Category 5A	04/01/2012	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Loon Lake	Loon Lake	LAKE	16518	10004999	2478600	Barron	1			90.98	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Loretta Lake (Burnett Flowage)	Loretta Lake (U Brunet Flowage)	IMPOUNDMENT	15330	10004049	2382700	Sawyer	1			12	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Lost Creek	Lost Creek	RIVER	16559	10005034	2627100	Polk	1	0	0.66	0.66	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Lost Lake	Lost Lake	LAKE	11419	10001265	837100	Dodge	1			246.99	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Lost Lake	Lost Lake	LAKE	424519	10008658	1407000	Marathon	1			42.07	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	TMDL Needed (5A)
Lost Lake on Ranch Creek	Unnamed	LAKE	35458	10022983	5586673	Monroe	1			18.25	ACRES	Category 5B	04/01/2014	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Lotus Lake	Lotus Lake	LAKE	16460	10004948	2616900	Polk	1			236.88	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Lotus Lake Outlet	Unnamed	RIVER	5476648	10030983	5006441	Polk	1	0	1.74	1.74	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Louisburg Cr	Louisburg Creek	RIVER	13856	10002939	943000	Grant	1	0	5.26	5.26	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Loveless Lake (Bass)	Loveless Lake	LAKE	18885	10006711	2620000	Polk	1			131.5	ACRES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Lower Barstow Impoundment (Fox River)	Saratoga Lake	IMPOUNDMENT	296926	10008207	771600	Waukesha	3			28.18	ACRES	Category 5A	04/01/2016	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lower Barstow Impoundment (Fox River)	Saratoga Lake	IMPOUNDMENT	296926	10008207	771600	Waukesha	3			28.18	ACRES	Category 5A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Low DO, Turbidity	303d Listed	Low	TMDL Needed (5A)
Lower Barstow Impoundment (Fox River)	Saratoga Lake	IMPOUNDMENT	296926	10008207	771600	Waukesha	3			28.18	ACRES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO, Turbidity	303d Listed	Low	TMDL Needed (5A)
Lower Barstow Impoundment (Fox River)	Saratoga Lake	IMPOUNDMENT	296926	10008207	771600	Waukesha	3			28.18	ACRES	Category 5A	04/01/1998	PS/NPS	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Lower Bass Lake	Lower Bass Lake	LAKE	127876	10007068	1002300	Langlade	1			83.68	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Lower Buckatabon Lake	Lower Buckatabon Lake	LAKE	128547	10007661	1621000	Vilas	1			378.17	ACRES	Category 5C	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	High	Natural Conditions (5C)
Lower Devils Lake	Lower Devils Lake	LAKE	15907	10004513	1864000	Barron	1			131.42	ACRES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Lower Fox River (Appleton Dam To L. Winnebago Outlet)	Fox River	RIVER	357364	10008493	117900	Outagamie, Winnebago	3	32.18	40.09	7.91	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	EAP Project	Not Applicable	TMDL Needed (5A)
Lower Fox River (Appleton Dam To L. Winnebago Outlet)	Fox River	RIVER	357364	10008493	117900	Outagamie, Winnebago	3	32.18	40.09	7.91	MILES	Category 5A	04/01/1998	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)	Fox River	RIVER	357301	10008492	117900	Brown, Outagamie	2	7.39	32.18	24.79	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	EAP Project	Not Applicable	TMDL Needed (5A)
Lower Fox River (Depere Dam To Middle Appleton Dam)	Fox River	RIVER	357301	10008492	117900	Brown, Outagamie	2	7.39	32.18	24.79	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Lower Fox River (Mouth To Depere Dam)	Fox River	RIVER	10678	10008021	117900	Brown	1	0	7.39	7.39	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue, Contaminated Sediment	EAP Project	Not Applicable	TMDL Needed (5A)
Lower Fox River (Mouth To Depere Dam)	Fox River	RIVER	10678	10008021	117900	Brown	1	0	7.39	7.39	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Lower Fox River (Mouth To Depere Dam)	Fox River	RIVER	10678	10008021	117900	Brown	1	0	7.39	7.39	MILES	Category 5A	04/01/2008	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Lower Koshkonong Creek	Koshkonong Creek	RIVER	304950	10038646	808800	Dane, Jefferson	3	0	27.27	27.27	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Lower Merrillan Pond	Trow Lake (L Merrillan Pond)	LAKE	18613	10006490	1711500	Jackson	1			38.03	ACRES	Category 5A	04/01/1998	NPS	Total Phosphorus	Eutrophication, Elevated pH	303d Listed	Low	TMDL Needed (5A)
Lower Nemadji River	Nemadji River	RIVER	17456	10025720	2835300	Douglas	1	0	38.21	38.21	MILES	Category 5A	04/01/2010	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Lower Pine Creek	Lower Pine Creek	RIVER	15755	10004393	2085300	Dunn	1	0	6.99	6.99	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Lower Pine Creek	Lower Pine Creek	RIVER	1457751	10023639	2085300	Barron, Dunn	3	14	17.24	3.24	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Lower Turtle Lake	Lower Turtle Lake	LAKE	15710	10004363	2079700	Barron	1			285.89	ACRES	Category 5A	04/01/2010	NPS	Total Phosphorus	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Lowes Creek	Lowes Creek	RIVER	16354	10004867	2123900	Eau Claire	1	0.69	12	11.31	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Ludden Lake	Ludden Lake	IMPOUNDMENT	310696	10008359	930700	Iowa	1			56.28	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Medium	TMDL Needed (5A)
Ludowissi L Br To Sauk Creek	Unnamed	RIVER	894870	10008989	49700	Ozaukee	1	0	4.81	4.81	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Lyman Lake	Lyman Lake	LAKE	890854	10008905	2856400	Douglas	1			370.45	ACRES	Category 5B	04/01/2002	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Lyndon Creek	Lyndon Creek	RIVER	13054	10002455	1300700	Juneau	1	0	6	6	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Lyndon Creek	Lyndon Creek	RIVER	13055	10010357	1300700	Juneau	2	6	8.73	2.73	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Lynx Lake	Lynx Lake	LAKE	128549	10007663	2954500	Vilas	1			307.2	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Machickanee Flowage (Imp)	Machickanee Flowage (Stiles)	IMPOUNDMENT	10949	10000911	448200	Oconto	1			436.13	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Mack (Brown. Spring) Creek	Mack Creek	RIVER	10312	10000441	267300	Portage	1	0	1.96	1.96	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Mackaysee Lake (Muckayee)	Mackaysee Lake	LAKE	10196	10026814	93500	Door	1			347	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Madden Br	Madden Br	RIVER	13847	10002931	939100	Lafayette	1	0	7.69	7.69	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Magnor Lake (Richardson)	Magnor Lake	LAKE	16596	10005066	2624600	Polk	1			229.36	ACRES	Category 5A	04/01/2010	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Maiden Lake	Maiden Lake	LAKE	18259	10006247	487500	Oconto	1			278.18	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Mallalieu Lake	Mallalieu Lake	IMPOUNDMENT	16400	10004899	2607100	Saint Croix	1			289.08	ACRES	Category 5A	04/01/2004	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth, Elevated pH	TMDL Development	High	TMDL Needed (5A)
Manitowoc R. So. Branch	South Branch Manitowoc River	RIVER	9924	10000174	77900	Calumet, Manitowoc	1	0	12.64	12.64	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue, Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Manitowoc R. So. Branch	South Branch Manitowoc River	RIVER	9924	10000174	77900	Calumet, Manitowoc	1	0	12.64	12.64	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Manitowoc R. So. Branch	South Branch Manitowoc River	RIVER	9924	10000174	77900	Calumet, Manitowoc	1	0	12.64	12.64	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Manitowoc R. So. Branch	South Branch Manitowoc River	RIVER	3990110	10028420	77900	Calumet, Fond du Lac	2	12.64	36.58	23.94	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Manitowoc River	Manitowoc River	RIVER	482064	10026294	71000	Manitowoc	2	2.03	20.74	18.71	MILES	Category 5A	04/01/2002	Contam. Sed.	PCBs	Contaminated Fish Tissue, Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Manitowoc River	Manitowoc River	RIVER	482064	10026294	71000	Manitowoc	2	2.03	20.74	18.71	MILES	Category 5A	04/01/2012	Unknown	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Manitowoc River	Manitowoc River	RIVER	482116	10008813	71000	Calumet, Manitowoc	3	20.74	35.81	15.07	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue, Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Manitowoc River (Main Stem)	Manitowoc River	RIVER	9882	10026175	71000	Manitowoc	1	0	2.02	2.02	MILES	Category 5A	04/01/2002	Contam. Sed.	PCBs	Contaminated Fish Tissue, Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Manitowoc River (Main Stem)	Manitowoc River	RIVER	9882	10026175	71000	Manitowoc	1	0	2.02	2.02	MILES	Category 5A	04/01/2002	Contam. Sed.	PAHs	Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Marengo River	Marengo River	RIVER	17712	10008273	2911900	Ashland, Bayfield	2	11.74	38.51	26.77	MILES	Category 5A	04/01/2016	PS/NPS	Fecal Coliform	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Marinuka Lake	Marinuka Lake	LAKE	14080	10003064	1678200	Trempealeau	1			116.56	ACRES	Category 5A	04/01/2010	NPS	Total Phosphorus	Eutrophication, Impairment Unknown	303d Listed	Low	TMDL Needed (5A)
Marinuka Lake	Marinuka Lake	LAKE	14080	10003064	1678200	Trempealeau	1			116.56	ACRES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Markham Creek	Markham Creek	RIVER	18247	10006237	796400	Rock	1	0	7.31	7.31	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Marlowe Branch	Marlowe Br	RIVER	18565	10036764	959400	Grant	1	0	5.83	5.83	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Marsh Creek	Marsh Creek	RIVER	13346	10002623	1252900	Dane	3	1	4	3	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Martin Branch	Martin Br	RIVER	18569	10006464	963400	Grant	1	0	4	4	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Martin Branch	Martin Br	RIVER	13926	10002979	963400	Grant	2	4	5.32	1.32	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Martin Branch	Martin Br	RIVER	13927	10010064	963400	Grant	3	5.32	9.94	4.62	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Martinville Cr	Martinville Creek	RIVER	13887	10002958	955100	Grant	1	0	2.6	2.6	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Martinville Cr	Martinville Creek	RIVER	13887	10002958	955100	Grant	1	0	2.6	2.6	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Martinville Cr	Martinville Creek	RIVER	13887	10002958	955100	Grant	1	0	2.6	2.6	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Martinville Cr	Martinville Creek	RIVER	13888	10002959	955100	Grant	2	2.59	5.05	2.46	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Martinville Cr	Martinville Creek	RIVER	13888	10002959	955100	Grant	2	2.59	5.05	2.46	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Martinville Cr	Martinville Creek	RIVER	13888	10002959	955100	Grant	2	2.59	5.05	2.46	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Mary Park Beach	New Richmond Flowage	INLAND BEACH	3894231	10026956	2608800	Saint Croix	2			0.01	MILES	Category 5A	04/01/2012	Unknown	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Maslowski Beach, Lake Superior	Lake Superior	GREAT LAKES BEACH	1452812	10024768	2751220	Ashland	5			0.87	MILES	Category 5A	04/01/2016	PS/NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Mason Creek	Mason Creek	RIVER	11498	10001326	851100	Waukesha	1	0	4.11	4.11	MILES	Category 4A	04/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Mason Creek	Mason Creek	RIVER	11498	10001326	851100	Waukesha	1	0	4.11	4.11	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Mason Creek	Mason Creek	RIVER	11499	10001327	851100	Washington	2	4.11	6.14	2.03	MILES	Category 4A	04/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Mason Creek	Mason Creek	RIVER	11499	10001327	851100	Washington	2	4.11	6.14	2.03	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Low DO, Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Mason Lake	Mason Lake	LAKE	10733	10000764	175700	Adams, Marquette	1			881.61	ACRES	Category 5A	04/01/2002	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth, Elevated pH	TMDL Development	High	TMDL Needed (5A)
Master Disposal Drainage Channel	Unnamed	RIVER	424266	10008641	773300	Waukesha	1	0	0.99	0.99	MILES	Category 5A	04/01/1998	Contam. Sed.	Unknown Pollutant	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Maunesha River	Maunesha River	RIVER	11426	10001269	837500	Dodge, Jefferson	1	0	5.5	5.5	MILES	Category 4A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Maunesha River	Maunesha River	RIVER	11426	10001269	837500	Dodge, Jefferson	1	0	5.5	5.5	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Maunesha River	Maunesha River	RIVER	356833	10008490	837500	Dane, Jefferson	2	5.49	13.21	7.72	MILES	Category 4A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Maunesha River	Maunesha River	RIVER	356833	10008490	837500	Dane, Jefferson	2	5.49	13.21	7.72	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Maunesha River	Maunesha River	RIVER	356857	10008491	837500	Dane	3	13.21	31.8	18.59	MILES	Category 4A	04/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Maunesha River	Maunesha River	RIVER	356857	10008491	837500	Dane	3	13.21	31.8	18.59	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Mauthe Lake	Mauthe Lake	LAKE	11324	10001196	38200	Fond du Lac	1			70.19	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Mayflower Lake	Mayflower Lake	LAKE	9757	10026241	310500	Marathon	1			98.56	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Mcgrath Lake	McGrath Lake	LAKE	128215	10026824	1003900	Oneida	1			51.08	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Mckenzie Creek	McKenzie Creek	RIVER	14289	10003208	1756900	Taylor	1	0	16.74	16.74	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Mead Lake	Mead Lake	IMPOUNDMENT	16142	10004701	2143900	Clark	1			310.27	ACRES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Mead Lake	Mead Lake	IMPOUNDMENT	16142	10004701	2143900	Clark	1			310.27	ACRES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Meadow Brook Creek	Unnamed	RIVER	3991922	10028606	772300	Waukesha	1	0	3.14	3.14	MILES	Category 5A	04/01/2018	NPS	Chloride	Chronic Aquatic Toxicity	Proposed for List	Low	TMDL Needed (5A)
Meadow Creek	Meadow Brook	RIVER	14660	10003489	2227900	Rusk	1	0	5	5	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Medicine Lake (Three Lakes Chain)	Medicine Lake	LAKE	128218	10007372	1611700	Oneida	1			395.87	ACRES	Category 5C	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	High	Natural Conditions (5C)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Medicine Lake (Three Lakes Chain)	Medicine Lake	LAKE	128218	10007372	1611700	Oneida	1			395.87	ACRES	Category 5C	04/01/2018	Atm. Dep.	Mercury	Contaminated Fish Tissue	Addition	Low	Mercury Atm. Dep. (5B)
Meeme R.	Meeme River	RIVER	207459	10026355	62900	Manitowoc	1	0	11.67	11.67	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Mendota County Park Beach	Lake Mendota	INLAND BEACH	6980949	10043940	805400	Dane	46			0.36	MILES	Category 5A	04/01/2016	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Mendota Lake	Lake Mendota	LAKE	11672	6876129	805400	Dane	1			9780.93	ACRES	Category 5A	04/01/1998	Other	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Mendota Lake	Lake Mendota	LAKE	11672	6876129	805400	Dane	1			9780.93	ACRES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Water Quality Use Restrictions, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Menominee River	Menominee River	RIVER	12050	10026844	609000	Marinette	1	0	3.45	3.45	MILES	Category 5A	04/01/1998	Contam. Sed.	Arsenic	Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Menominee River	Menominee River	RIVER	12050	10026844	609000	Marinette	1	0	3.45	3.45	MILES	Category 5A	04/01/1998	Contam. Sed.	PAHs	Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Menominee River	Menominee River	RIVER	12050	10026844	609000	Marinette	1	0	3.45	3.45	MILES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Menominee River	Menominee River	RIVER	12050	10026844	609000	Marinette	1	0	3.45	3.45	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Menominee River	Menominee River	RIVER	12089	10001785	609000	Marinette	2	3.45	43.02	39.57	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Menominee River	Menominee River	RIVER	12090	10001786	609000	Marinette	3	43.21	87.8	44.59	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Menomonee River	Menomonee River	RIVER	426506	10008754	16000	Milwaukee	2	0	2.67	2.67	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Menomonee River	Menomonee River	RIVER	426506	10008754	16000	Milwaukee	2	0	2.67	2.67	MILES	Category 5A	04/01/1998	Contam. Sed.	Unspecified Metals	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Menomonee River	Menomonee River	RIVER	426506	10008754	16000	Milwaukee	2	0	2.67	2.67	MILES	Category 5A	04/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	TMDL Needed (5A)
Menomonee River	Menomonee River	RIVER	426506	10008754	16000	Milwaukee	2	0	2.67	2.67	MILES	Category 5A	04/01/2010	PS/NPS	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Menomonee River	Menomonee River	RIVER	426506	10008754	16000	Milwaukee	2	0	2.67	2.67	MILES	Category 5A	04/01/1998	PS/NPS	E. coli	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Menomonee River	Menomonee River	RIVER	426506	10008754	16000	Milwaukee	2	0	2.67	2.67	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Menomonee River	Menomonee River	RIVER	10017	10026421	16000	Milwaukee	1	2.66	6.27	3.61	MILES	Category 5A	04/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	TMDL Needed (5A)
Menomonee River	Menomonee River	RIVER	10017	10026421	16000	Milwaukee	1	2.66	6.27	3.61	MILES	Category 5A	04/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Menomonee River	Menomonee River	RIVER	3884139	6876525	16000	Washington, Waukesha, Milwaukee	3	6.27	24.81	18.54	MILES	Category 5A	04/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	TMDL Needed (5A)
Menomonee River	Menomonee River	RIVER	3884139	6876525	16000	Washington, Waukesha, Milwaukee	3	6.27	24.81	18.54	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Menonminee R -Wi-Il Bd	Menominee River	RIVER	13853	10038783	941700	Grant	1	5.55	10.4	4.85	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
Merrill Flowage	Merrill Flowage	IMPOUNDMENT	127986	10007168	1481100	Lincoln	1			284.31	ACRES	Category 5A	04/01/1998	Contam. Sed.	Unknown Pollutant	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Messenger Creek	Messenger Creek	RIVER	18265	10006251	518400	Oconto	1	3.57	7.34	3.77	MILES	Category 5C	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	Natural Conditions (5C)
Meyers Valley Creek	Meyers Valley Creek	RIVER	14353	10003257	1776700	Trempealeau	2	2.14	5.88	3.74	MILES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Michigan Boulevard Beach, Lake Michigan	Lake Michigan	GREAT LAKES BEACH	3894230	10026955	20	Racine	51			0.18	MILES	Category 5A	04/01/2012	Unknown	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Middle Branch Of O'Neill Creek	Middle Br O'Neill Creek	RIVER	14266	10003190	1749700	Clark	1	0	8.08	8.08	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Middle River Beach, Lake Superior	Lake Superior	GREAT LAKES BEACH	1489001	10024803	2751220	Douglas	7			0.5	MILES	Category 5A	04/01/2016	PS/NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Mill Creek	Mill Creek	RIVER	11412	10001259	835500	Dodge	1	0	3	3	MILES	Category 5A	04/01/2014	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Mill Creek	Mill Creek	RIVER	11412	10001259	835500	Dodge	1	0	3	3	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Mill Creek	Mill Creek	RIVER	11571	10001390	867700	Dodge	1	0	10.8	10.8	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Mill Creek	Mill Creek	RIVER	13296	10002589	1215600	Richland	1	0	15.45	15.45	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Mill Creek	Mill Creek	RIVER	13418	10026082	1242200	Iowa	1	0	15.78	15.78	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Mill Creek	Mill Creek	RIVER	18452	10008031	1326700	Monroe	2	5.81	8.24	2.43	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Mill Creek	Mill Creek	RIVER	12318	10008028	1398600	Portage	1	0	16.01	16.01	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	TMDL Development	High	TMDL Needed (5A)
Mill Creek	Mill Creek	RIVER	12319	10008029	1398600	Wood, Portage	2	16.01	32.82	16.81	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Development	High	TMDL Needed (5A)
Mill Creek	Mill Creek	RIVER	14109	10008032	1688500	Jackson	2	2.5	5.46	2.96	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Milun Creek	Milum Creek	RIVER	13660	10002827	886300	Dane	1	0	2.44	2.44	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
Milwaukee Harbor	Milwaukee Harbor Outer	RIVER	426424	10008753	15010	Milwaukee	1	0	0.32	0.32	MILES	Category 5A	04/01/1998	Contam. Sed.	Unspecified Metals	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Milwaukee Harbor	Milwaukee Harbor Outer	RIVER	426424	10008753	15010	Milwaukee	1	0	0.32	0.32	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Milwaukee Harbor	Milwaukee Harbor Outer	RIVER	426424	10008753	15010	Milwaukee	1	0	0.32	0.32	MILES	Category 5A	04/01/1998	PS/NPS	E. coli	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Milwaukee River	Milwaukee River	RIVER	426339	10008752	15000	Milwaukee	1	0	2.9	2.9	MILES	Category 5A	04/01/1998	Contam. Sed.	Unspecified Metals	Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Milwaukee River	Milwaukee River	RIVER	426339	10008752	15000	Milwaukee	1	0	2.9	2.9	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue, Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Milwaukee River	Milwaukee River	RIVER	426339	10008752	15000	Milwaukee	1	0	2.9	2.9	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Milwaukee River	Milwaukee River	RIVER	426339	10008752	15000	Milwaukee	1	0	2.9	2.9	MILES	Category 5A	04/01/1998	PS/NPS	E. coli	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Milwaukee River	Milwaukee River	RIVER	426381	10026897	15000	Ozaukee, Milwaukee	2	2.9	19.35	16.45	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Milwaukee River	Milwaukee River	RIVER	426381	10026897	15000	Ozaukee, Milwaukee	2	2.9	19.35	16.45	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Milwaukee River	Milwaukee River	RIVER	426381	10026897	15000	Ozaukee, Milwaukee	2	2.9	19.35	16.45	MILES	Category 5A	04/01/1998	PS/NPS	E. coli	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Milwaukee River	Milwaukee River	RIVER	426381	10026897	15000	Ozaukee, Milwaukee	2	2.9	19.35	16.45	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Milwaukee River	Milwaukee River	RIVER	1854856	10025589	15000	Ozaukee	5	19.35	29.33	9.98	MILES	Category 4A	04/01/1998	PS/NPS	E. coli	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Milwaukee River	Milwaukee River	RIVER	1854856	10025589	15000	Ozaukee	5	19.35	29.33	9.98	MILES	Category 4A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Milwaukee River	Milwaukee River	RIVER	481566	10008803	15000	Ozaukee, Washington	3	29.33	68.5	39.17	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Milwaukee River	Milwaukee River	RIVER	481566	10008803	15000	Ozaukee, Washington	3	29.33	68.5	39.17	MILES	Category 5A	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Milwaukee River	Milwaukee River	RIVER	481605	10008804	15000	Washington, Fond du Lac	4	68.5	103.34	34.84	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Milwaukee River North Branch	North Branch Milwaukee River	RIVER	10071	10008033	27100	Ozaukee, Sheboygan, Washington	1	0	23.5	23.5	MILES	Category 4A	04/01/2012	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Mineral Lake	Mineral Lake	LAKE	891211	10008925	2916900	Ashland	1			227.06	ACRES	Category 5C	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Natural Conditions (5C)
Mineral Point Branch	Mineral Point Br	RIVER	13810	10002907	927900	Lafayette, Iowa	1	0	24.51	24.51	MILES	Category 5A	04/01/2014	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Mink Creek	Mink Creek	RIVER	10081	10000268	30600	Sheboygan	1	0	14.49	14.49	MILES	Category 4A	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Mink Creek	Mink Creek	RIVER	12498	10002072	1463300	Taylor	1	0	5.78	5.78	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Minnesuing Lake	Lake Minnesuing	LAKE	890871	10008906	2866200	Douglas	1			450.24	ACRES	Category 5B	04/01/2002	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Minocqua Lake	Minocqua Lake	LAKE	128227	10007379	1542400	Oneida	1			1339.46	ACRES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Mirror Lake	Mirror Lake	LAKE	13548	10002739	1296000	Sauk	1			139.03	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Mississippi (Reach 1) Rush-Vermillion - St. Croix R to Chippewa R(Pools 3- lower Pool 4, Lake Pepin)	Mississippi River	RIVER	892119	10008954	721000	Pierce, Pepin	1	763.4	811.5	48.1	MILES	Category 5A	04/01/2012	Unknown	Total Phosphorus	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 1) Rush-Vermillion - St. Croix R to Chippewa R(Pools 3- lower Pool 4, Lake Pepin)	Mississippi River	RIVER	892119	10008954	721000	Pierce, Pepin	1	763.4	811.5	48.1	MILES	Category 5A	04/01/2008	Other	PFOs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 1) Rush-Vermillion - St. Croix R to Chippewa R(Pools 3- lower Pool 4, Lake Pepin)	Mississippi River	RIVER	892119	10008954	721000	Pierce, Pepin	1	763.4	811.5	48.1	MILES	Category 5A	04/01/1998	Other	Mercury	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 1) Rush-Vermillion - St. Croix R to Chippewa R(Pools 3- lower Pool 4, Lake Pepin)	Mississippi River	RIVER	892119	10008954	721000	Pierce, Pepin	1	763.4	811.5	48.1	MILES	Category 5A	04/01/1998	Other	PCBs	Contaminated Fish Tissue, Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 1) Rush-Vermillion - St. Croix R to Chippewa R(Pools 3- lower Pool 4, Lake Pepin)	Mississippi River	RIVER	892119	10008954	721000	Pierce, Pepin	1	763.4	811.5	48.1	MILES	Category 5A	04/01/2008	NPS	Sediment/Total Suspended Solids	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)	Mississippi River	RIVER	892047	10008953	721000	Buffalo, Trempealeau, Pepin, La Crosse	2	714.2	763.4	49.2	MILES	Category 5A	04/01/2008	Other	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)	Mississippi River	RIVER	892047	10008953	721000	Buffalo, Trempealeau, Pepin, La Crosse	2	714.2	763.4	49.2	MILES	Category 5A	04/01/1998	Other	Mercury	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 2) Buffalo-Whitewater - Chippewa River to LD 6 (lower Pool 4 to Pool 6)	Mississippi River	RIVER	892047	10008953	721000	Buffalo, Trempealeau, Pepin, La Crosse	2	714.2	763.4	49.2	MILES	Category 5A	04/01/1998	Other	PCBs	Contaminated Fish Tissue, Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 2) Buffalo-Whitewater - Chippewa River to LD 6 (lower Pool 4 to Pool 6)	Mississippi River	RIVER	892047	10008953	721000	Buffalo, Trempealeau, Pepin, La Crosse	2	714.2	763.4	49.2	MILES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Mississippi (Reach 3) LaCrosse-Pine - LD 6 to Root River (Pool 7 to upper Pool 8)	Mississippi River	RIVER	892011	10026429	721000	Trempealeau, La Crosse	3	693.7	714.2	20.5	MILES	Category 5A	04/01/1998	Other	Mercury	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 3) LaCrosse-Pine - LD 6 to Root River (Pool 7 to upper Pool 8)	Mississippi River	RIVER	892011	10026429	721000	Trempealeau, La Crosse	3	693.7	714.2	20.5	MILES	Category 5A	04/01/1998	Other	PCBs	Contaminated Fish Tissue, Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 3) LaCrosse-Pine - LD 6 to Root River (Pool 7 to upper Pool 8)	Mississippi River	RIVER	892011	10026429	721000	Trempealeau, La Crosse	3	693.7	714.2	20.5	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Mississippi (Reach 4) Coon-Yellow - Pool 10 portion - Wis R to LD 9)	Mississippi River	RIVER	891939	10008952	721000	Crawford, Grant	6	630.7	648	17.3	MILES	Category 5A	04/01/1998	Other	Mercury	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 4) Coon-Yellow - Pool 10 portion - Wis R to LD 9)	Mississippi River	RIVER	891939	10008952	721000	Crawford, Grant	6	630.7	648	17.3	MILES	Category 5A	04/01/1998	Other	PCBs	Contaminated Fish Tissue, Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 4) Coon-Yellow - Pool 10 portion - Wis R to LD 9)	Mississippi River	RIVER	891939	10008952	721000	Crawford, Grant	6	630.7	648	17.3	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Mississippi (Reach 4) Coon-Yellow - Pool 8 portion - LD 8 to Root R.)	Mississippi River	RIVER	1848773	10025434	721000	Vernon, La Crosse	4	679.1	693.7	14.6	MILES	Category 5A	04/01/1998	Other	Mercury	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 4) Coon-Yellow - Pool 8 portion - LD 8 to Root R.)	Mississippi River	RIVER	1848773	10025434	721000	Vernon, La Crosse	4	679.1	693.7	14.6	MILES	Category 5A	04/01/1998	Other	PCBs	Contaminated Fish Tissue, Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 4) Coon-Yellow - Pool 8 portion - LD 8 to Root R.)	Mississippi River	RIVER	1848773	10025434	721000	Vernon, La Crosse	4	679.1	693.7	14.6	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Mississippi (Reach 4) Coon-Yellow - Pool 9 portion - LD 9 to LD 8)	Mississippi River	RIVER	1848750	10025433	721000	Crawford, Vernon	5	648	679.1	31.1	MILES	Category 5A	04/01/2010	Other	Mercury	Contaminated Fish Tissue, Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 4) Coon-Yellow - Pool 9 portion - LD 9 to LD 8)	Mississippi River	RIVER	1848750	10025433	721000	Crawford, Vernon	5	648	679.1	31.1	MILES	Category 5A	04/01/1998	Other	PCBs	Contaminated Fish Tissue, Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 4) Coon-Yellow - Pool 9 portion - LD 9 to LD 8)	Mississippi River	RIVER	1848750	10025433	721000	Crawford, Vernon	5	648	679.1	31.1	MILES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Mississippi (Reach 5) Grant-Maquoketa Wisconsin River to LD 11 (mid Pool 10 to LD 12)	Mississippi River	RIVER	16323	10004842	721000	Crawford, Grant	7	583	630.7	47.7	MILES	Category 5A	04/01/1998	Other	Mercury	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 5) Grant-Maquoketa Wisconsin River to LD 11 (mid Pool 10 to LD 12)	Mississippi River	RIVER	16323	10004842	721000	Crawford, Grant	7	583	630.7	47.7	MILES	Category 5A	04/01/1998	Other	PCBs	Contaminated Fish Tissue, Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 5) Grant-Maquoketa Wisconsin River to LD 11 (mid Pool 10 to LD 12)	Mississippi River	RIVER	16323	10004842	721000	Crawford, Grant	7	583	630.7	47.7	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Mississippi (Reach 6) Apple-Plum LD 11 to Wisconsin State Line (upper Pool 12)	Mississippi River	RIVER	18638	10006510	721000	Grant	8	580.8	583	2.2	MILES	Category 5A	04/01/1998	Other	Mercury	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 6) Apple-Plum LD 11 to Wisconsin State Line (upper Pool 12)	Mississippi River	RIVER	18638	10006510	721000	Grant	8	580.8	583	2.2	MILES	Category 5A	04/01/1998	Other	PCBs	Contaminated Fish Tissue, Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Mississippi (Reach 6) Apple-Plum LD 11 to Wisconsin State Line (upper Pool 12)	Mississippi River	RIVER	18638	10006510	721000	Grant	8	580.8	583	2.2	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Missouri Creek	Missouri Creek	RIVER	18774	10006623	2055700	Dunn	2	8.6	13.83	5.23	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Missouri Creek	Missouri Creek	RIVER	15619	10004294	2055700	Pierce	3	13.84	17.88	4.04	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Moen Lake	Moen Lake	LAKE	128230	10008940	1573800	Oneida	1			460.86	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Moen Lake	Moen Lake	LAKE	128230	10008940	1573800	Oneida	1			460.86	ACRES	Category 5B	04/01/2016	PS/NPS	Total Phosphorus	Excess Algal Growth	303d Listed	High	Natural Conditions (5C)
Molash Creek	Molash Creek	RIVER	10164	10000336	90100	Manitowoc	1	0	7.76	7.76	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Monona Lake	Lake Monona	LAKE	11665	10001455	804600	Dane	1			3359	ACRES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue, Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Monona Lake	Lake Monona	LAKE	11665	10001455	804600	Dane	1			3359	ACRES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Moon Bay	Lake Wissota	BAY/HARBOR	1521808	10025271	2152800	Chippewa	3			354.95	ACRES	Category 5A	04/01/2008	PS/NPS	Total Phosphorus	Eutrophication	303d Listed	Low	TMDL Needed (5A)
Moose Lake	Moose Lake	LAKE	15532	10026667	2420600	Sawyer	1			1559.02	ACRES	Category 5B	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Moose Lake	Moose Lake	LAKE	15532	10026667	2420600	Sawyer	1			1559.02	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Moquah Lake	Moquah Lake	LAKE	20895	10011361	2918200	Ashland	1			64.52	ACRES	Category 5B	04/01/2014	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Morris Creek	Moore Creek	RIVER	13209	10002537	1200000	Monroe	1	0	14	14	MILES	Category 5A	04/01/2012	Unknown	Total Phosphorus	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Mosher Creek	Mosher Creek	RIVER	18156	10006171	133500	Fond du Lac	2	0	3	3	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Addition	High	TMDL Needed (5A)
Mosher Creek	Mosher Creek	RIVER	18156	10006171	133500	Fond du Lac	2	0	3	3	MILES	Category 5A	04/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Development	High	TMDL Needed (5A)
Mounds Branch	Mounds Br	RIVER	13899	6902844	947100	Grant, Lafayette	1	0	4.45	4.45	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Mud (Ojaski) Lake	Mud Lake	LAKE	15818	10024769	2094600	Barron	1			331.92	ACRES	Category 5A	04/01/2006	NPS	Total Phosphorus	Eutrophication	303d Listed	Low	TMDL Needed (5A)
Mud Creek	Mud Creek	RIVER	10846	10000840	129500	Outagamie, Winnebago	1	0	3.71	3.71	MILES	Category 5A	04/01/2016	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Mud Creek	Mud Creek	RIVER	10846	10000840	129500	Outagamie, Winnebago	1	0	3.71	3.71	MILES	Category 5A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Mud Creek	Mud Creek	RIVER	10846	10000840	129500	Outagamie, Winnebago	1	0	3.71	3.71	MILES	Category 5A	04/01/2008	PS/NPS	Total Phosphorus	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Mud Creek	Mud Creek	RIVER	10847	10000841	129500	Outagamie	2	3.71	6.87	3.16	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Mud Creek	Mud Creek	RIVER	10259	10000397	131600	Calumet	1	0	3	3	MILES	Category 5A	04/01/2016	NPS	Total Phosphorus	Degraded Biological Community	303d Listed	High	TMDL Needed (5A)
Mud Creek	Mud Creek	RIVER	11387	10001237	840800	Dane, Dodge	1	0	10.77	10.77	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Mud Creek	Mud Creek	RIVER	11387	10001237	840800	Dane, Dodge	1	0	10.77	10.77	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Mud Creek	Mud Creek	RIVER	14539	10003392	2344100	Rusk, Chippewa	1	0	11.74	11.74	MILES	Category 5C	04/01/2014	Other	Total Phosphorus	Impairment Unknown	303d Listed	Low	Natural Conditions (5C)
Mud Creek (Left, Hills) T18n, R21e, S12	Mud Creek	RIVER	9888	10000148	73600	Manitowoc	1	0	9.26	9.26	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Mud Creek (Left, Hills) T18n, R21e, S12	Mud Creek	RIVER	9888	10000148	73600	Manitowoc	1	0	9.26	9.26	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	Low	Phosphorus Listed (5P)
Mud Hen Lake	Mud Hen Lake	LAKE	16714	10005158	2649500	Burnett	1			569.32	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Mud Lake	Mud Lake	LAKE	9835	10000112	326000	Shawano	1			34.84	ACRES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Mud Lake	Mud Lake	LAKE	18222	10006218	830800	Jefferson	1			83.52	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	TMDL Needed (5A)
Mud Lake	Mud Lake	LAKE	13491	10002703	1006500	Dane	1			51.26	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Mud Lake	Mud Lake	LAKE	128234	10007385	1612500	Oneida	1			116.34	ACRES	Category 5C	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions, Impairment Unknown	303d Listed	High	Natural Conditions (5C)
Mud Lake	Mud Lake	LAKE	15473	10005962	2434800	Sawyer	1			463.63	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Mullet River	Mullet River	RIVER	9839	10008041	53400	Sheboygan	2	0	17.76	17.76	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Murbou Creek	Murbou Creek	RIVER	11937	10026217	541800	Marinette	1	0	0.85	0.85	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Murphy (Wingra) Creek	Wingra Creek	RIVER	11666	10001456	804700	Dane	1	0	1.2	1.2	MILES	Category 5A	04/01/1998	Contam. Sed.	Unknown Pollutant	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Murphys Creek	Murphys Creek	RIVER	11663	10001453	803900	Dane	1	0	4.69	4.69	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Murray Creek	Murray Creek	RIVER	9826	10025676	323000	Shawano	1	0	2.39	2.39	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Muskellunge Creek	Muskellunge Creek	RIVER	13908	10002970	957600	Grant	1	0	1	1	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Muskellunge Creek	Muskellunge Creek	RIVER	13908	10002970	957600	Grant	1	0	1	1	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Muskellunge Creek	Muskellunge Creek	RIVER	13909	10036765	957600	Grant	2	1	4.91	3.91	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Muskellunge Lake	Muskellunge Lake	LAKE	128570	10007681	1596600	Vilas	1			269.87	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Musky Bay	Lac Courte Oreilles	BAY/HARBOR	1850472	10026705	2390800	Sawyer	2			301.77	ACRES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Non-Native Aquatic Plants, Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Musser Lake	Musser Flowage	IMPOUNDMENT	14741	10003557	2245100	Price	1			503.46	ACRES	Category 5P	04/01/2012	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Musser Lake	Musser Flowage	IMPOUNDMENT	14741	10003557	2245100	Price	1			503.46	ACRES	Category 5P	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Myrtle Lake	Myrtle Lake	LAKE	128571	10007682	1626000	Vilas	1			28.37	ACRES	Category 5P	04/01/2012	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
N. Fork Juda Branch	North Fork Juda Br	RIVER	13615	6876676	877700	Green	1	0	1.68	1.68	MILES	Category 5A	04/01/1998	PS/NPS	BOD	Low DO	303d Listed	Low	TMDL Needed (5A)
N. Fork Juda Branch	North Fork Juda Br	RIVER	13615	6876676	877700	Green	1	0	1.68	1.68	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO, Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
N. Fork Juda Branch	North Fork Juda Br	RIVER	6876678	6876679	877700	Green	2	1.68	3.8	2.12	MILES	Category 5A	04/01/1998	PS/NPS	BOD	Low DO	303d Listed	Low	TMDL Needed (5A)
N. Fork Juda Branch	North Fork Juda Br	RIVER	6876678	6876679	877700	Green	2	1.68	3.8	2.12	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO, Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Narrows Creek	Narrows Creek	RIVER	12996	10008043	1276400	Sauk	1	0	22.84	22.84	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Neenah Channel	Neenah Channel	LAKE	5720096	10037360	130600	Winnebago	1			101.62	ACRES	Category 5A	04/01/2016	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Neenah Slough	Neenah Slough	RIVER	10848	10000842	130800	Winnebago	1	0	2.77	2.77	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Neenah Slough	Neenah Slough	RIVER	10848	10000842	130800	Winnebago	1	0	2.77	2.77	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Neenah Slough	Neenah Slough	RIVER	357915	10008498	130800	Winnebago	2	2.77	3.54	0.77	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Neenah Slough	Neenah Slough	RIVER	357915	10008498	130800	Winnebago	2	2.77	3.54	0.77	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Neenah Slough	Neenah Slough	RIVER	357955	10008499	130800	Winnebago	3	3.55	6.12	2.57	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Neenah Slough	Neenah Slough	RIVER	357955	10008499	130800	Winnebago	3	3.55	6.12	2.57	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Nelson Lake	Nelson Lake	LAKE	18973	10006780	2704200	Sawyer	1			2715.99	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Neshonoc Lake	Neshonoc Lake	IMPOUNDMENT	13999	10008309	1653500	La Crosse	1			606.5	ACRES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Neshonoc Lake	Neshonoc Lake	IMPOUNDMENT	13999	10008309	1653500	La Crosse	1			606.5	ACRES	Category 5A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Eutrophication, Elevated pH	303d Listed	Low	TMDL Needed (5A)
Neshonoc Lake	Neshonoc Lake	IMPOUNDMENT	13999	10008309	1653500	La Crosse	1			606.5	ACRES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Eutrophication, Impairment Unknown, Excess Algal Growth, Elevated pH	303d Listed	Low	TMDL Needed (5A)
Neshota River	Neshota River	RIVER	18054	10006091	88200	Brown, Kewaunee	2	3	17.22	14.22	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
New Lisbon Lake	New Lisbon Lake	LAKE	13550	10026177	1306000	Juneau	1			122	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Newcomb Valley Creek	Unnamed	RIVER	14357	10003261	1777400	Trempealeau	1	0	5.76	5.76	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
Newman Lake	Newman Lake	LAKE	14762	10003576	1870200	Price	1			90.35	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Newton Creek	Newton Creek	RIVER	305141	10008328	2843650	Douglas	1	0	1.76	1.76	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Degraded Biological Community	Addition	Low	TMDL Needed (5A)
Newton Creek	Newton Creek	RIVER	305141	10008328	2843650	Douglas	1	0	1.76	1.76	MILES	Category 5A	04/01/1998	Contam. Sed.	Foam/Flocs/Scum/Oil Slicks	Chronic Aquatic Toxicity	EAP Project	Not Applicable	TMDL Needed (5A)
Newton Creek	Newton Creek	RIVER	305141	10008328	2843650	Douglas	1	0	1.76	1.76	MILES	Category 5A	04/01/1998	Contam. Sed.	PAHs	Chronic Aquatic Toxicity	EAP Project	Not Applicable	TMDL Needed (5A)
Newton Creek	Newton Creek	RIVER	305141	10008328	2843650	Douglas	1	0	1.76	1.76	MILES	Category 5A	04/01/1998	Contam. Sed.	Unspecified Metals	Chronic Aquatic Toxicity	EAP Project	Not Applicable	TMDL Needed (5A)
Newton Lake	Newton Lake	LAKE	900376	10009578	450600	Oconto	1			19.35	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Nichols Creek (N. B. Milw R)	North Branch Milwaukee River	RIVER	10070	10008045	27100	Sheboygan	2	23.48	27.8	4.32	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	TMDL Needed (5A)
Nine Springs Creek	Nine Springs Creek	RIVER	11664	10001454	804200	Dane	1	0	6.16	6.16	MILES	Category 4A	04/01/2004	NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Nine Springs Creek	Nine Springs Creek	RIVER	11664	10001454	804200	Dane	1	0	6.16	6.16	MILES	Category 4A	04/01/2004	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Ninemile Creek	Ninemile Creek	RIVER	11255	10001136	366800	Langlade	1	0	12.96	12.96	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
North Br Duck Creek	North Branch Duck Creek	RIVER	13526	10002723	1267500	Columbia	1	0	20.21	20.21	MILES	Category 5A	04/01/2014	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
North Branch Manitowoc River	North Branch Manitowoc River	RIVER	9911	10000163	75900	Calumet	1	0	7.35	7.35	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	303d Listed	Medium	TMDL Needed (5A)
North Branch Manitowoc River	North Branch Manitowoc River	RIVER	9911	10000163	75900	Calumet	1	0	7.35	7.35	MILES	Category 5A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Low DO, Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
North Branch Oak Creek	Unnamed	RIVER	9967	10008046	14900	Milwaukee	2	0	5.7	5.7	MILES	Category 5A	04/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Proposed for List	Low	TMDL Needed (5A)
North Branch Of Pike River	North Branch Pike River	RIVER	10532	10000604	1900	Racine, Kenosha	1	0	5.23	5.23	MILES	Category 5A	04/01/1998	PS/NPS	Unknown Pollutant	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
North Branch Of Pike River	North Branch Pike River	RIVER	10532	10000604	1900	Racine, Kenosha	1	0	5.23	5.23	MILES	Category 5A	04/01/2008	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
North Branch O'Neill Creek	North Branch O'Neill Creek	RIVER	14265	10026855	1749600	Clark	1	0	17.2	17.2	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
North Branch Pigeon River	North Branch Pigeon River	RIVER	9714	10026240	293900	Waupaca	1	0	5.34	5.34	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Degraded Biological Community, Elevated Water Temperature	Proposed for List	Low	TMDL Needed (5A)
North Branch Pike River	North Branch Pike River	RIVER	425919	10025723	1900	Racine	2	5.23	7.87	2.64	MILES	Category 5A	04/01/2018	NPS	Chloride	Chronic Aquatic Toxicity	Proposed for List	Low	TMDL Needed (5A)
North Branch Wayne Creek	Wayne Creek	RIVER	207448	10008111	865500	Washington	3	4.14	4.8	0.66	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
North Creek	North Creek	RIVER	14360	10003263	1778600	Trempealeau	1	0	7.59	7.59	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
North Flowage	North Flowage	IMPOUNDMENT	14153	10003107	1700300	Monroe	1			211	ACRES	Category 5B	04/01/2002	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
North Fork Beaver Creek	North Fork Beaver Creek	RIVER	1181543	10010472	1682500	Jackson	2	11.59	19.49	7.9	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
North Fork Eau Claire	North Fork Eau Claire River	RIVER	16146	6923087	2145400	Eau Claire	1	0	10.49	10.49	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
North Fork Eau Claire	North Fork Eau Claire River	RIVER	6923349	10042216	2145400	Clark, Eau Claire	4	10.49	22.48	11.99	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
North Fork Eau Claire River	North Fork Eau Claire River	RIVER	6923457	10042217	2145400		5	22.48	53.91	31.43	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
North Fork Of Beaver Creek	North Fork Beaver Creek	RIVER	14094	10003073	1682500	Trempealeau	1	0	11.59	11.59	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
North Fork Willow River	Willow River	RIVER	16413	10038948	2606900	Saint Croix	10	32.47	40.59	8.12	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
North Lake	North Lake	LAKE	11496	10001324	850800	Waukesha	1			440.45	ACRES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
North Lake	North Lake	LAKE	16578	10005051	2630800	Barron	1			82.74	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
North Nokomis Lake	North Nokomis Lake	LAKE	128242	10007392	1595800	Oneida	1			469.54	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
North Spirit Lake	North Spirit Lake	LAKE	425815	10008722	1515200	Price, Taylor	1			224.35	ACRES	Category 5C	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
North Spirit Lake	North Spirit Lake	LAKE	425815	10008722	1515200	Price, Taylor	1			224.35	ACRES	Category 5C	04/01/2012	Unknown	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Development	High	Natural Conditions (5C)
North Tributary to Silver Creek	Unnamed	RIVER	936838	10026075	147400	Fond du Lac	1	0	4.42	4.42	MILES	Category 5P	04/01/2016	NPS	Total Phosphorus	Impairment Unknown	303d Listed	High	Phosphorus Listed (5P)
North Two Lakes	North Two Lakes	LAKE	128244	10007394	1007500	Oneida	1			149.72	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Norwegian Creek	Norwegian Creek	RIVER	16144	10004703	2144500	Clark	1	0	7.52	7.52	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Nor-X-Way Channel	Unnamed	RIVER	10043	10000247	18450	Ozaukee, Washington, Waukesha	1	0	4.9	4.9	MILES	Category 4A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Nor-X-Way Channel	Unnamed	RIVER	10043	10000247	18450	Ozaukee, Washington, Waukesha	1	0	4.9	4.9	MILES	Category 4A	04/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Noyes Creek	Unnamed	RIVER	3988299	10028301	17700	Milwaukee	1	0	3.54	3.54	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	TMDL Needed (5A)
Nugget Lake	Nugget Lake	IMPOUNDMENT	18769	10006619	2053400	Pierce	1			116	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Oak Creek	Oak Creek	RIVER	9969	10008047	14500	Milwaukee	-9	0	13.32	13.32	MILES	Category 5A	04/01/2012	Unknown	Total Phosphorus	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Oak Creek	Oak Creek	RIVER	9969	10008047	14500	Milwaukee	-9	0	13.32	13.32	MILES	Category 5A	04/01/2014	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Oak Creek	Oak Creek	RIVER	9969	10008047	14500	Milwaukee	-9	0	13.32	13.32	MILES	Category 5A	04/01/1998	NPS	Unknown Pollutant	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Oconomowoc Lake	Oconomowoc Lake	LAKE	11491	10001319	849600	Waukesha	1			795.3	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Oconto River	Oconto River	RIVER	10870	10000858	440200	Oconto	1	0	9.94	9.94	MILES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Oconto River	Oconto River	RIVER	884729	10008824	440200	Oconto	3	10.41	14.63	4.22	MILES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Oconto River	Oconto River	RIVER	1440776	10023350	440200	Shawano	6	31.43	35.81	4.38	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Odana Pond	Unnamed	LAKE	34522	10022173	3000513	Dane	1			13.72	ACRES	Category 5A	04/01/2012	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Odana Pond	Unnamed	LAKE	34522	10022173	3000513	Dane	1			13.72	ACRES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Ok Creek	Ok Creek	RIVER	13611	10034740	877200	Green	1	0	6.82	6.82	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Ok Creek	Ok Creek	RIVER	13611	10034740	877200	Green	1	0	6.82	6.82	MILES	Category 5A	04/01/2016	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Okauchee Lake	Okauchee Lake	LAKE	902156	10009840	850300	Waukesha	1			1210.27	ACRES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Olbrich Park Beach	Lake Monona	INLAND BEACH	1491088	10024848	804600	Dane	7			0.23	MILES	Category 5A	04/01/2008	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Old Elk Lake	Old Elk Lake	LAKE	16070	10004652	1871400	Dunn	1			90.16	ACRES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Old Elk Lake	Old Elk Lake	LAKE	16070	10004652	1871400	Dunn	1			90.16	ACRES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO, Eutrophication	303d Listed	Low	TMDL Needed (5A)
Old Taylor Lake	Old Taylor Lake	LAKE	10274	10000409	195000	Waupaca	1			42.47	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Olin Park Beach	Lake Monona	INLAND BEACH	1491113	10024849	804600	Dane	8			0.07	MILES	Category 5A	04/01/2008	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Oliver Creek	Oliver Creek	RIVER	11463	10001297	859000	Dodge	1	0	4.09	4.09	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
O'Neill Creek	O'Neill Creek	RIVER	14264	10003189	1748800	Clark	1	0	3.12	3.12	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Onemile Creek	Onemile Creek	RIVER	18445	10008048	1303400	Juneau	1	0	0.69	0.69	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Onemile Creek	Onemile Creek	RIVER	13063	10008049	1303400	Juneau	2	0.7	3.6	2.9	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Onemile Creek	Onemile Creek	RIVER	947890	10010363	1303400	Juneau	3	3.6	5.99	2.39	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Onemile Creek	Onemile Creek	RIVER	1517524	10025168	1303400	Juneau	4	5.99	7.23	1.24	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Onemile Creek	Onemile Creek	RIVER	947914	10025739	1303400	Juneau	5	7.23	13	5.77	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Oneonta Lake	Oneonta Lake	LAKE	12049	10001760	503300	Marinette	1			67.61	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Onion River	Onion River	RIVER	3987353	10028120	51200	Sheboygan	3	0	31.8	31.8	MILES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Oregon Branch	Oregon Br	RIVER	11656	10001450	800700	Dane	1	0	4.74	4.74	MILES	Category 5A	04/01/2012	Unknown	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Osman Trib to Meeme River	Unnamed	RIVER	481039	10008797	5025264	Manitowoc	1	0	1.16	1.16	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	303d Listed	Low	TMDL Needed (5A)
Osman Trib to Meeme River	Unnamed	RIVER	481039	10008797	5025264	Manitowoc	1	0	1.16	1.16	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Oswego Lake	Oswego Lake	LAKE	15139	10026627	1871800	Vilas	1			67.93	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Otter Creek	Otter Creek	RIVER	18215	10006214	56400	Sheboygan	1	0	4	4	MILES	Category 5A	04/01/2002	NPS	E. coli	Recreational Restrictions - Pathogens	EAP Project	Not Applicable	TMDL Needed (5A)
Otter Creek	Otter Creek	RIVER	13798	10036500	923300	Lafayette	1	0	10.6	10.6	MILES	Category 5A	04/01/2016	PS/NPS	Ammonia (Unionized) - Toxin	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Otter Creek	Otter Creek	RIVER	13798	10036500	923300	Lafayette	1	0	10.6	10.6	MILES	Category 5A	04/01/2016	PS/NPS	BOD	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Otter Creek	Otter Creek	RIVER	18477	10006408	1237100	Iowa	5	0	14.89	14.89	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Otter Creek	Otter Creek	RIVER	18477	10006408	1237100	Iowa	5	0	14.89	14.89	MILES	Category 5P	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Otter Creek	Otter Creek	RIVER	13449	10002676	1237100	Iowa	1	14.89	19.86	4.97	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Otter Creek	Otter Creek	RIVER	13449	10002676	1237100	Iowa	1	14.89	19.86	4.97	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Otter Creek	Otter Creek	RIVER	13322	10002606	1237100	Iowa	3	21.37	23.3	1.93	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2008 (4A)
Otter Creek	Otter Creek	RIVER	13470	10010270	1258400	Sauk	1	0	17.17	17.17	MILES	Category 5A	04/01/2014	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Otter Creek	Otter Creek	RIVER	1456596	10023604	2068700	Dunn	2	0	6.97	6.97	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Otter Creek	Otter Creek	RIVER	15686	10004346	2068700	Dunn	1	6.97	12.86	5.89	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Otter Creek	Otter Creek	RIVER	16364	10024605	2125700	Eau Claire	1	0	26.53	26.53	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Otter Creek	Otter Creek	RIVER	16196	6923579	2156800	Chippewa	1	0	7.06	7.06	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Otter Creek	Otter Creek	RIVER	6923581	6923582	2156800	Taylor, Chippewa	2	9.83	18.45	8.62	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Otter Lake	Otter Lake (Brown)	LAKE	16197	10004739	2157000	Chippewa	1			601.56	ACRES	Category 5A	04/01/2002	NPS	Total Phosphorus	Eutrophication, Elevated pH	303d Listed	Low	TMDL Needed (5A)
Owl Lake	Owl Lake	LAKE	14996	10003768	2307600	Iron	1			125.33	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Oxbow Lake	Oxbow Lake	LAKE	128581	10007691	2954800	Vilas	1			523.16	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Oxbow Lake	Oxbow Lake	LAKE	128581	10007691	2954800	Vilas	1			523.16	ACRES	Category 5A	04/01/2014	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Pages Slough (L. Poygan)	Pages Slough	LAKE	26906	10017332	251700	Winnebago	1			150.04	ACRES	Category 5A	04/01/2006	Other	Sediment/Total Suspended Solids	Degraded Habitat, Turbidity	TMDL Development	High	TMDL Needed (5A)
Pages Slough (L. Poygan)	Pages Slough	LAKE	26906	10017332	251700	Winnebago	1			150.04	ACRES	Category 5A	04/01/2006	Other	Total Phosphorus	Eutrophication	TMDL Development	High	TMDL Needed (5A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Palmer Lake	Palmer Lake	LAKE	128841	10007928	2962900	Vilas	1			644.08	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Park Creek	Park Creek	RIVER	11410	10001257	834400	Dodge	1	0	2.37	2.37	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Park Falls Flowage, Lower	Lower Park Falls Flowage 762	IMPOUNDMENT	14891	10003679	2290100	Price	1			61.97	ACRES	Category 5A	04/01/1998	Contam. Sed.	Unspecified Metals	Chronic Aquatic Toxicity, Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Park Falls Flowage, Lower	Lower Park Falls Flowage 762	IMPOUNDMENT	14891	10003679	2290100	Price	1			61.97	ACRES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue, Chronic Aquatic Toxicity, Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Park Lake	Park Lake	LAKE	18131	10006154	180300	Columbia	1			329.53	ACRES	Category 5A	04/01/2006	NPS	Sediment/Total Suspended Solids	Eutrophication	TMDL Development	High	TMDL Needed (5A)
Park Lake	Park Lake	LAKE	18131	10006154	180300	Columbia	1			329.53	ACRES	Category 5A	04/01/2006	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
Parsons Creek	Parsons Creek	RIVER	18157	10006172	136000	Fond du Lac	1	0	2.58	2.58	MILES	Category 4A	04/01/2002	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Parsons Creek	Parsons Creek	RIVER	18157	10006172	136000	Fond du Lac	1	0	2.58	2.58	MILES	Category 4A	04/01/2002	PS/NPS	Total Phosphorus	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Pats Creek	Pats Creek	RIVER	13848	10002932	939800	Lafayette	1	0	8.97	8.97	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Pattison Beach (State Park)	Interfalls Lake	INLAND BEACH	1455339	10023586	2838000	Douglas	2	0	0.07	0.07	MILES	Category 5A	04/01/2016	PS/NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Paukotuk-Candlish Creek	Unnamed	RIVER	5691806	10036155	132200	Winnebago	1	0	7.92	7.92	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Pecatonica River	Pecatonica River	RIVER	13677	6901736	889100	Green, Lafayette	1	93.05	144.8	51.75	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Pecatonica River	Pecatonica River	RIVER	6901738	6901966	889100	Lafayette	2	144.8	158.67	13.87	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Pecatonica River	Pecatonica River	RIVER	6901822	6901823	889100	Lafayette, Iowa	3	158.67	187	28.33	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Pelican Lake	Pelican Lake	LAKE	128252	10007401	1579900	Oneida	1			3544.87	ACRES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Pennoyer Park Beach, Lake Michigan	Lake Michigan	GREAT LAKES BEACH	1452836	10023515	20	Kenosha	26			0.74	MILES	Category 5A	04/01/2006	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Pensaukee River	Pensaukee River	RIVER	10866	10000855	412900	Oconto, Shawano	1	0	60.4	60.4	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Perch Lake T45 R7w S5	Perch Lake	LAKE	890922	10008909	2770700	Bayfield	1			68.89	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Perch Lake, Bass	Perch Lake	LAKE	15275	10004005	2368500	Rusk	1			18.16	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Perennial Stream A (Spp1)	Unnamed	RIVER	425015	10008683	753100	Walworth	1	0	3.25	3.25	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
Perennial Stream B (Tm2)	Unnamed	RIVER	425131	10008686	755100	Walworth	1	0	1.82	1.82	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Turbidity	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Perennial Stream C (Pb018)	Unnamed	RIVER	425595	10008711	3000119	Waukesha	1	0	1.88	1.88	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Perennial Stream C (Sc011)	Unnamed	RIVER	425628	10008712	3000121	Waukesha	1	0	2.96	2.96	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Perennial Stream C (Sc011)	Unnamed	RIVER	425628	10008712	3000121	Waukesha	1	0	2.96	2.96	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Perennial Stream D (B4)	Unnamed	RIVER	425054	10008684	753500	Walworth	1	0	2.99	2.99	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Perennial Stream D (Pb016)	Unnamed	RIVER	425544	10026852	3000120	Waukesha	1	0	0.72	0.72	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Perennial Stream E (B5)	Unnamed	RIVER	425097	10008685	753600	Racine, Walworth	1	0	2.66	2.66	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
Pesabic Lake	Lake Pesobic	LAKE	127995	10008934	1481600	Lincoln	1			147.3	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Peshtigo Flowage	Peshtigo Flowage 1086	IMPOUNDMENT	11845	10001603	515800	Marinette	1			393.15	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Peshtigo River	Peshtigo River	RIVER	884803	10008826	515500	Marinette	5	0	11.5	11.5	MILES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue, Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Peshtigo River	Peshtigo River	RIVER	11844	10001602	515500	Marinette	2	54.44	60.05	5.61	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Petenwell Flowage	Petenwell Lake	IMPOUNDMENT	424132	10008638	1377100	Adams, Juneau	1			23000.8	ACRES	Category 5A	04/01/1998	Contam. Sed.	Dioxin	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Petenwell Flowage	Petenwell Lake	IMPOUNDMENT	424132	10008638	1377100	Adams, Juneau	1			23000.8	ACRES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Petenwell Flowage	Petenwell Lake	IMPOUNDMENT	424132	10008638	1377100	Adams, Juneau	1			23000.8	ACRES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Petenwell Flowage	Petenwell Lake	IMPOUNDMENT	424132	10008638	1377100	Adams, Juneau	1			23000.8	ACRES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO, Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Peterson Creek	Peterson Creek	RIVER	10395	10000504	275400	Waupaca	1	0	8.18	8.18	MILES	Category 5A	04/01/2016	NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Pewaukee River	Pewaukee River	RIVER	10510	10000600	771700	Waukesha	1	0	6.43	6.43	MILES	Category 5A	04/01/2018	NPS	Chloride	Chronic Aquatic Toxicity	Addition	Low	TMDL Needed (5A)
Phantom Lake	Phantom Lake	LAKE	10500	10000590	766000	Waukesha	1			110.24	ACRES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Pheasant Branch	Pheasant Branch	RIVER	11695	10001480	805900	Dane	1	0	1	1	MILES	Category 5A	04/01/2016	NPS	Chloride	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Pheasant Branch	Pheasant Branch	RIVER	11695	10001480	805900	Dane	1	0	1	1	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Pheasant Branch	Pheasant Branch	RIVER	11695	10001480	805900	Dane	1	0	1	1	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Pheasant Branch	Pheasant Branch	RIVER	11696	10001481	805900	Dane	2	1	9.09	8.09	MILES	Category 5A	04/01/2016	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Pheasant Branch	Pheasant Branch	RIVER	11696	10001481	805900	Dane	2	1	9.09	8.09	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Pheasant Branch	Pheasant Branch	RIVER	11696	10001481	805900	Dane	2	1	9.09	8.09	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Pickerel Lake	Pickerel Lake	LAKE	128257	10007405	1590400	Oneida	1			580.71	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Pidgeon Creek	Pigeon Creek	RIVER	5688313	10036021	1792500	Trempealeau	4	7.52	7.93	0.41	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Pigeon Creek	Pigeon Creek	RIVER	13916	10002976	959600	Grant	1	0	14	14	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Pigeon Creek	Pigeon Creek	RIVER	13916	10002976	959600	Grant	1	0	14	14	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Pigeon Creek	Pigeon Creek	RIVER	14158	10003111	1700800	Jackson	1	0	4.96	4.96	MILES	Category 5A	04/01/1998	Habitat/ Physical	Other flow regime alterations	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Pigeon Creek	Pigeon Creek	RIVER	14393	10036020	1792500	Trempealeau	1	0	7.52	7.52	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Pigeon River	Pigeon River	RIVER	1496062	10024946	62300	Manitowoc, Sheboygan	1	0	18.1	18.1	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Pigeon River	Pigeon River	RIVER	9711	10000025	293100	Waupaca	1	0	10.7	10.7	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Pike Creek	Pike Creek	RIVER	896190	10035400	1200	Kenosha	1	0	3.69	3.69	MILES	Category 5A	04/01/2016	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Pike Lake	Pike Lake	LAKE	18227	10006223	858300	Washington	1			460.99	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Pike Lake Chain	Pike Lake	LAKE	14813	10003621	2268300	Price	1			740.66	ACRES	Category 5C	04/01/2016	PS/NPS	Total Phosphorus	Excess Algal Growth	303d Listed	Low	Natural Conditions (5C)
Pike River	Pike River	RIVER	1523844	10029940	1300	Kenosha	1	0	1.45	1.45	MILES	Category 5A	04/01/2012	Unknown	Total Phosphorus	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Pike River	Pike River	RIVER	1523844	10029940	1300	Kenosha	1	0	1.45	1.45	MILES	Category 5A	04/01/2014	Unknown	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Pike River	Pike River	RIVER	1523844	10029940	1300	Kenosha	1	0	1.45	1.45	MILES	Category 5A	04/01/2016	NPS	Chloride	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Pike River	Pike River	RIVER	4696818	10029941	1300	Kenosha	2	1.45	9.5	8.05	MILES	Category 5A	04/01/2016	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Pike River	Pike River	RIVER	4696818	10029941	1300	Kenosha	2	1.45	9.5	8.05	MILES	Category 5A	04/01/2012	Unknown	Total Phosphorus	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Pine Creek	Pine Creek	RIVER	9866	10000129	66300	Manitowoc	2	2	6	4	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Pine Creek	Pine Creek	RIVER	9931	10000180	79900	Calumet	1	0	5.54	5.54	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Sediment	EAP Project	Not Applicable	TMDL Needed (5A)
Pine Creek	Pine Creek	RIVER	9932	10000181	79900	Calumet	2	5.54	9.12	3.58	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Pine Creek	Pine Creek	RIVER	9932	10000181	79900	Calumet	2	5.54	9.12	3.58	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Sediment	EAP Project	Not Applicable	TMDL Needed (5A)
Pine Creek	Pine Creek	RIVER	14293	10003212	1758900	Taylor	1	0	20	20	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Pine Lake	Pine Lake	LAKE	127787	10006989	406900	Forest	1			1672.6	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Pine Lake	Pine Lake	LAKE	14536	10003389	2092900	Rusk, Chippewa	1			256.49	ACRES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Pine Lake	Pine Lake	LAKE	891377	10008933	2949200	Iron	1			299.61	ACRES	Category 5A	04/01/2018	Atm. Dep.	Mercury	Contaminated Fish Tissue	Proposed for List	Low	Mercury Atm. Dep. (5B)
Pine Lake, T29n R17w S01	Pine Lake	LAKE	16410	10004905	2489700	Saint Croix	1			118.47	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Pine River	Pine River	RIVER	18493	10010168	1220600	Richland	1	0	22.35	22.35	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Pioneer Lake	Pioneer Lake	LAKE	128589	10008946	1623400	Vilas	1			429.43	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Pioneer Valley Creek	Pioneer Valley Creek	RIVER	13647	10002819	883100	Green	1	0	4.16	4.16	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Pipe Lake	Pipe Lake	LAKE	16528	10026579	2490500	Polk	1			293.29	ACRES	Category 5B	04/01/2014	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Pipe Lake, North	North Pipe Lake	LAKE	16525	10005006	2485700	Polk	1			64.46	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Pixley Flowage	Pixley Flowage	IMPOUNDMENT	14889	10003677	2288900	Price	1			181.58	ACRES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Planting Ground Lake (Three Lakes Chain)	Planting Ground Lake	LAKE	128261	10007409	1609100	Oneida	1			1010.5	ACRES	Category 5B	04/01/2012	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Platte River	Platte River	RIVER	13865	10002941	943600	Grant	1	0	37.8	37.8	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Plum Creek	Plum Creek	RIVER	10841	10000836	125100	Brown	1	0	13.86	13.86	MILES	Category 4A	04/01/2008	PS/NPS	Total Phosphorus	Degraded Biological Community, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Plum Creek	Plum Creek	RIVER	10841	10000836	125100	Brown	1	0	13.86	13.86	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Plum Creek	Plum Creek	RIVER	357670	10008494	125100	Brown, Calumet	2	13.87	16.42	2.55	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
Plum Creek	Plum Creek	RIVER	357719	10008495	125100	Calumet	3	16.42	19.5	3.08	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Plum Creek	Plum Creek	RIVER	18230	10006225	868400	Dodge	1	0	13.79	13.79	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Plum Creek	Plum Creek	RIVER	13021	10002441	1287700	Sauk	1	0	7.7	7.7	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Plum Creek	Plum Creek	RIVER	15591	10004272	2051300	Pepin	1	0	7.23	7.23	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Pokegama Lake	Pokegama Lake	LAKE	15817	10024770	2094300	Barron	1			433.46	ACRES	Category 5A	04/01/2006	NPS	Total Phosphorus	Eutrophication	303d Listed	Low	TMDL Needed (5A)
Pokegama River	Pokegama River	RIVER	17467	10008212	2844000	Douglas	2	0	25.74	25.74	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Poplar Creek	Poplar Creek	RIVER	424456	10026888	772800	Waukesha	2	3.65	6.01	2.36	MILES	Category 5A	04/01/1998	NPS	Unknown Pollutant	Low DO	303d Listed	Low	TMDL Needed (5A)
Poplar Creek	Poplar Creek	RIVER	424526	10008660	772800	Waukesha	3	6.01	8.06	2.05	MILES	Category 5A	04/01/1998	NPS	Unknown Pollutant	Low DO	303d Listed	Low	TMDL Needed (5A)
Poplar River	Popple River	RIVER	14276	10003197	1752900	Clark	1	0	11.06	11.06	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Poplar River	Popple River	RIVER	18630	10006503	1752900	Clark	2	11.06	13.54	2.48	MILES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Poplar River (Creek)	Poplar Creek	RIVER	10511	10000601	772800	Waukesha	1	0	3.64	3.64	MILES	Category 5A	04/01/1998	NPS	Unknown Pollutant	Low DO	303d Listed	Low	TMDL Needed (5A)
Poplar River (Creek)	Poplar Creek	RIVER	10511	10000601	772800	Waukesha	1	0	3.64	3.64	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	Medium	Phosphorus Listed (5P)
Popple (Poplar) River, North Fork	North Fork Popple River	RIVER	14283	10003204	1754800	Clark	1	0	20	20	MILES	Category 5A	04/01/2014	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Popple (Poplar) River, North Fork	North Fork Popple River	RIVER	18632	10026772	1754800	Clark	2	20	25	5	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Popple River East Fork	East Fork Popple River	RIVER	14282	10003203	1754500	Clark	1	0	7	7	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Porcupine Creek	Porcupine Creek	RIVER	15593	10004273	2051500	Pierce, Pepin	1	0	9.3	9.3	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Portage Canal	Fox-Wis Portage Canal	BAY/HARBOR	5534667	10033580	179500	Columbia	1			13.68	ACRES	Category 5A	04/01/2016	Contam. Sed.	Lead	Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Portage Canal	Fox-Wis Portage Canal	BAY/HARBOR	5534667	10033580	179500	Columbia	1			13.68	ACRES	Category 5A	04/01/2016	Contam. Sed.	Mercury	Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Portage Canal	Fox-Wis Portage Canal	BAY/HARBOR	5534667	10033580	179500	Columbia	1			13.68	ACRES	Category 5A	04/01/2016	Contam. Sed.	PCBs	Contaminated Fish Tissue, Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Poskin Lake	Poskin Lake	LAKE	15866	10004479	2098000	Barron	1			153.51	ACRES	Category 5A	04/01/2012	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Post Lake, Upper	Upper Post Lake	LAKE	10650	10000706	399200	Langlade, Oneida	1			765.18	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
Potato Lake	Potato Lake	LAKE	897942	10009222	2355300	Rusk	1			540.35	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Potter Flowage	Potter Flowage	IMPOUNDMENT	14212	10003153	1722000	Jackson	1			255.06	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Potter Lake	Potter Lake	LAKE	10491	10000582	753800	Walworth	1			154.64	ACRES	Category 5A	04/01/2010	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Potter Lake	Potter Lake	LAKE	891228	10008926	2917200	Ashland	1			29.16	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Poygan Lake	Lake Poygan	LAKE	18137	10006159	242800	Waushara, Winnebago	1			14024.4	ACRES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat, Turbidity	TMDL Development	High	TMDL Needed (5A)
Poygan Lake	Lake Poygan	LAKE	18137	10006159	242800	Waushara, Winnebago	1			14024.4	ACRES	Category 5A	04/01/1998	NPS	Total Phosphorus	Water Quality Use Restrictions, Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
Prairie Brook	Prairie Brook	RIVER	13701	10002848	901500	Green	1	0	3.11	3.11	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Prairie Lake	Prairie Lake	LAKE	15816	10004438	2094100	Barron	1			1408.42	ACRES	Category 5A	04/01/2006	NPS	Total Phosphorus	Eutrophication, Degraded Habitat, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Printz Creek	Printz Creek	RIVER	14126	10003090	1693100	Monroe	1	0	3.06	3.06	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Puchyan River	Puchyan River	RIVER	11018	10038600	145200	Green Lake	1	0	13.96	13.96	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Puckaway Lake	Puckaway Lake	LAKE	11081	10001012	158700	Green Lake, Marquette	1			5013.56	ACRES	Category 5A	04/01/2010	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Development	High	TMDL Needed (5A)
Puckaway Lake	Puckaway Lake	LAKE	11081	10001012	158700	Green Lake, Marquette	1			5013.56	ACRES	Category 5A	04/01/2010	NPS	Total Phosphorus	Eutrophication, Water Quality Use Restrictions, Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
Puff Creek	Puff Creek	RIVER	12236	10001890	1371500	Wood	1	0	7.72	7.72	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	High	TMDL Needed (5A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Pumpkinseed Creek	Pumpkinseed Creek	RIVER	10766	10000790	243300	Waushara, Winnebago	1	0	3	3	MILES	Category 5A	04/01/2016	NPS	Total Phosphorus	Degraded Biological Community	303d Listed	High	TMDL Needed (5A)
Pumpkinseed Creek	Pumpkinseed Creek	RIVER	10767	10035420	243300	Waushara, Winnebago	2	3	6.12	3.12	MILES	Category 5A	04/01/2016	NPS	Total Phosphorus	Degraded Biological Community	303d Listed	High	TMDL Needed (5A)
Quarter Creek	Quarter Creek	RIVER	15697	10004352	2077200	Dunn	1	0	3.27	3.27	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Racine Harbor	Racine Harbor	BAY/HARBOR	481367	10008799	25	Racine	1			84.2	ACRES	Category 5A	04/01/1998	Other	Unspecified Metals	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Raeder Creek	Raeder Creek	RIVER	18335	10006306	1430800	Marathon	1	0	3	3	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Randall Creek	Randall Creek	RIVER	18336	10006307	1431800	Marathon	1	0	9	9	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Randall Creek	Randall Creek	RIVER	12407	10002006	1431800	Marathon	2	9	10	1	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Range Line Lake	Range Line Lake	LAKE	127791	10006992	478200	Forest	1			93.15	ACRES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Range Line Lake (Three Lakes Chain)	Range Line Lake	LAKE	128265	10007412	1610300	Oneida	1			128.62	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Rat River	Rat River	RIVER	18133	10006156	251800	Winnebago	1	0	13.14	13.14	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Rat River	Rat River	RIVER	18133	10006156	251800	Winnebago	1	0	13.14	13.14	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	TMDL Development	High	TMDL Needed (5A)
Rat River	Rat River	RIVER	10752	10026469	251800	Outagamie, Winnebago	2	13.14	24.81	11.67	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	TMDL Development	High	TMDL Needed (5A)
Rattlesnake Creek	Rattlesnake Creek	RIVER	13905	10026607	957300	Grant	1	0	21.11	21.11	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Red Arrow Park Beach, Lake Michigan	Lake Michigan	GREAT LAKES BEACH	481879	10008808	20	Manitowoc	7			0.42	MILES	Category 5A	04/01/1998	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Red Cedar Lake	Red Cedar Lake	LAKE	11715	10026143	813100	Jefferson	1			343.7	ACRES	Category 5A	04/01/2012	PS/NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Red Cedar Lake	Red Cedar Lake	LAKE	16042	10004632	2109600	Washburn, Barron	1			1896.9	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Eutrophication, Water Quality Use Restrictions, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Red Cedar River	Red Cedar River	RIVER	15741	10004383	2063500	Dunn	3	0	9.27	9.27	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Red Cedar River	Red Cedar River	RIVER	15741	10004383	2063500	Dunn	3	0	9.27	9.27	MILES	Category 5A	04/01/2006	Other	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Red Cedar River	Red Cedar River	RIVER	888773	10008876	2063500	Dunn	8	9.27	13.56	4.29	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Eutrophication, Elevated pH	303d Listed	Low	TMDL Needed (5A)
Red Cedar River	Red Cedar River	RIVER	888773	10008876	2063500	Dunn	8	9.27	13.56	4.29	MILES	Category 5A	04/01/1998	Other	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Red Cedar River	Red Cedar River	RIVER	888812	10008877	2063500	Dunn	9	13.56	16.48	2.92	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Red Cedar River	Red Cedar River	RIVER	888812	10008877	2063500	Dunn	9	13.56	16.48	2.92	MILES	Category 5A	04/01/1998	Other	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Red Cedar River	Red Cedar River	RIVER	888574	10026586	2063500	Dunn	5	16.48	18.8	2.32	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Eutrophication, Elevated pH	303d Listed	Low	TMDL Needed (5A)
Red Cedar River	Red Cedar River	RIVER	888648	10008875	2063500	Dunn	7	22.51	28.72	6.21	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Eutrophication, Elevated pH	303d Listed	Low	TMDL Needed (5A)
Red Cedar River	Red Cedar River	RIVER	15856	10004471	2063500	Barron, Dunn	2	28.72	73.6	44.88	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Red Cedar River	Red Cedar River	RIVER	18785	10006629	2063500	Barron	4	73.6	78.51	4.91	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	303d Listed	Low	TMDL Needed (5A)
Red Lake	Red Lake	LAKE	17251	10005609	2492100	Douglas	1			253.45	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Red River	Red River	RIVER	10250	10000395	101000	Kewaunee	1	0	8.87	8.87	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Redstone Lake	Lake Redstone	LAKE	13542	10002733	1280400	Sauk	1			604.55	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
Reservoir Pond (Imp)	Reservoir Pond	IMPOUNDMENT	11811	10001572	466700	Oconto	1			412.63	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Rice Lake	Rice Lake	LAKE	15977	10004576	2103900	Barron	1			859.25	ACRES	Category 5A	04/01/2012	Point Source	Total Phosphorus	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Rice Lake (Lower Whitewater)	Rice Lake	LAKE	11783	10001551	816600	Walworth	1			144.07	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	TMDL Needed (5A)
Richland Creek	Richland Creek	RIVER	13669	10002831	889200	Green	1	21.61	35.11	13.5	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Richter Lake	Richter Lake	LAKE	18635	10006507	1760000	Taylor	1			43.47	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Riley School Branch	Riley School Br	RIVER	18519	10006433	877600	Green	1	0	4.75	4.75	MILES	Category 5A	04/01/2016	NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Riley School Branch	Riley School Br	RIVER	18519	10006433	877600	Green	1	0	4.75	4.75	MILES	Category 5A	04/01/2016	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Roaring Creek	Roaring Creek	RIVER	14136	10003095	1695200	Jackson	1	0	5.34	5.34	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Roaring Creek	Roaring Creek	RIVER	14136	10003095	1695200	Jackson	1	0	5.34	5.34	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community, Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Robinson Creek	Robinson Creek	RIVER	14142	10003099	1696300	Jackson	1	0	12	12	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Rock Creek	Rock Creek	RIVER	6777615	10039661	830100	Jefferson	4	2.21	3.14	0.93	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Rock Creek	Rock Creek	RIVER	18628	10006501	1750800	Clark	1	0	21.89	21.89	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Rock Creek	Rock Creek	RIVER	16348	10004861	2119000	Dunn	2	2.8	4.64	1.84	MILES	Category 5A	04/01/2002	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Rock Dam Lake	Rock Dam Lake	IMPOUNDMENT	18828	10006669	2139000	Clark	1			95.87	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Rock Dam Lake	Rock Dam Lake	IMPOUNDMENT	18828	10006669	2139000	Clark	1			95.87	ACRES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Rock Lake	Rock Lake	LAKE	11386	10001236	830700	Jefferson	1			1364.58	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Rock Lake	Rock Lake	LAKE	15017	10026781	2311700	Vilas	1			122	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Rock River	Rock River	RIVER	11455	10001290	788800	Rock	1	171.08	183.45	12.37	MILES	Category 4A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	Rock River	RIVER	11455	10001290	788800	Rock	1	171.08	183.45	12.37	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	Rock River	RIVER	354476	10008477	788800	Rock	2	183.45	193.11	9.66	MILES	Category 4A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	Rock River	RIVER	354476	10008477	788800	Rock	2	183.45	193.11	9.66	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	Rock River	RIVER	354542	10008478	788800	Rock	3	193.11	201.29	8.18	MILES	Category 4A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	Rock River	RIVER	354542	10008478	788800	Rock	3	193.11	201.29	8.18	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	Rock River	RIVER	354592	10008479	788800	Rock	4	201.29	207.03	5.74	MILES	Category 4A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	Rock River	RIVER	354592	10008479	788800	Rock	4	201.29	207.03	5.74	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	Rock River	RIVER	356113	10008484	788800	Dodge, Jefferson	5	213.62	249.13	35.51	MILES	Category 4A	04/01/2002	PS/NPS	Total Phosphorus	Low DO, Eutrophication, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	Rock River	RIVER	356190	10008485	788800	Jefferson	6	249.13	269.66	20.53	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	Rock River	RIVER	356190	10008485	788800	Jefferson	6	249.13	269.66	20.53	MILES	Category 4A	04/01/2006	PS/NPS	Total Phosphorus	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Rock River	Rock River	RIVER	356250	10008486	788800	Dodge, Jefferson	7	269.66	293.25	23.59	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	Rock River	RIVER	356250	10008486	788800	Dodge, Jefferson	7	269.66	293.25	23.59	MILES	Category 4A	04/01/2006	PS/NPS	Total Phosphorus	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	Rock River	RIVER	356322	10008487	788800	Dodge	8	296.46	304.88	8.42	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River	Rock River	RIVER	356322	10008487	788800	Dodge	8	296.46	304.88	8.42	MILES	Category 4A	04/01/2006	PS/NPS	Total Phosphorus	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River, South Branch	South Branch Rock River	RIVER	18232	10026280	869800	Fond du Lac	1	0	3.58	3.58	MILES	Category 4A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River, South Branch	South Branch Rock River	RIVER	18232	10026280	869800	Fond du Lac	1	0	3.58	3.58	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River, South Branch	South Branch Rock River	RIVER	11580	10001398	869800	Green Lake, Fond du Lac	2	3.58	19.68	16.1	MILES	Category 4A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River, South Branch	South Branch Rock River	RIVER	11580	10001398	869800	Green Lake, Fond du Lac	2	3.58	19.68	16.1	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River, West Branch	West Branch Rock River	RIVER	11566	10001387	861300	Dodge, Fond du Lac	1	50	87.63	37.63	MILES	Category 4A	04/01/2018	PS/NPS	Unknown Pollutant	Elevated Water Temperature	Addition	Low	TMDL Needed (5A)
Rock River, West Branch	West Branch Rock River	RIVER	11566	10001387	861300	Dodge, Fond du Lac	1	50	87.63	37.63	MILES	Category 4A	04/01/2006	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rock River, West Branch	West Branch Rock River	RIVER	11566	10001387	861300	Dodge, Fond du Lac	1	50	87.63	37.63	MILES	Category 4A	04/01/2006	NPS	Total Phosphorus	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Rocky Creek	Rocky Creek	RIVER	12233	10008189	1370800	Wood	1	0	12.22	12.22	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Rocky Run	Rocky Run	RIVER	16143	10004702	2144100	Clark	1	0	7.97	7.97	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Roger Creek	Roger Creek	RIVER	16152	10004706	2146600	Clark, Chippewa	1	0	8.97	8.97	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Rogers Branch	Rogers Br	RIVER	13930	10002981	964300	Grant	1	0	8	8	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Rogers Branch	Rogers Br	RIVER	13930	10002981	964300	Grant	1	0	8	8	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Rogers Branch	Rogers Br	RIVER	13930	10002981	964300	Grant	1	0	8	8	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Rogers Branch	Rogers Br	RIVER	13931	10002982	964300	Grant	2	8	11.83	3.83	MILES	Category 4A	04/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Rogers Branch	Rogers Br	RIVER	13931	10002982	964300	Grant	2	8	11.83	3.83	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Low DO, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2007 (4A)
Rolling Stone Lake	Rolling Stone Lake	LAKE	10607	10024880	389300	Langlade	1			682.15	ACRES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	Natural Conditions (5C)
Root River	Root River	RIVER	10533	10000605	2900	Racine	1	0	5.82	5.82	MILES	Category 5A	04/01/1998	Other	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Root River	Root River	RIVER	10533	10000605	2900	Racine	1	0	5.82	5.82	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Root River	Root River	RIVER	896175	10027840	2900	Racine, Milwaukee	3	5.82	20.48	14.66	MILES	Category 5A	04/01/2012	Unknown	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Root River	Root River	RIVER	4714703	10030661	2900	Racine, Milwaukee	4	20.48	25.8	5.32	MILES	Category 5A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Low DO	303d Listed	Medium	TMDL Needed (5A)
Root River	Root River	RIVER	4714703	10030661	2900	Racine, Milwaukee	4	20.48	25.8	5.32	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO, Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Root River	Root River	RIVER	425682	10030660	2900	Waukesha, Milwaukee	2	25.8	43.69	17.89	MILES	Category 5A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Low DO	303d Listed	Low	TMDL Needed (5A)
Root River	Root River	RIVER	425682	10030660	2900	Waukesha, Milwaukee	2	25.8	43.69	17.89	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO, Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Root River	Root River	RIVER	425682	10030660	2900	Waukesha, Milwaukee	2	25.8	43.69	17.89	MILES	Category 5A	04/01/2014	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Root River Canal	Root River Canal	RIVER	10535	10000607	4300	Racine, Milwaukee	1	0	5.72	5.72	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Low DO	303d Listed	Medium	TMDL Needed (5A)
Root River Canal	Root River Canal	RIVER	10535	10000607	4300	Racine, Milwaukee	1	0	5.72	5.72	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	303d Listed	Medium	TMDL Needed (5A)
Ross Crossing Creek	Ross Crossing Creek	RIVER	13632	10002805	885600	Green	1	0	5.2	5.2	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
Round Lake	Round Lake	LAKE	9910	10000162	68600	Calumet	1			11.37	ACRES	Category 5A	04/01/2016	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Medium	TMDL Needed (5A)
Round Lake (Three Lakes Chain)	Round Lake	LAKE	128272	10007418	1610400	Oneida	1			151.25	ACRES	Category 5B	04/01/2018	Atm. Dep.	Mercury	Contaminated Fish Tissue	Proposed for List	Low	Mercury Atm. Dep. (5B)
Round Lake T32 R9w S14	Round Lake	LAKE	891353	10008932	2169200	Chippewa	1			215.79	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Round Lake T37n R18w S27	Round Lake	LAKE	16676	10005130	2640100	Burnett	1			208.35	ACRES	Category 5A	04/01/2012	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Round Lake T37n R18w S27	Round Lake	LAKE	16676	10005130	2640100	Burnett	1			208.35	ACRES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Rouse Creek	Rouse Creek	RIVER	17755	10008278	2925000	Iron	1	0	2.26	2.26	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Roxbury Creek	Roxbury Creek	RIVER	13496	10002706	1259900	Dane	1	0	4	4	MILES	Category 5A	04/01/2014	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Roy Creek	Roy Creek	RIVER	11030	10000975	148200	Green Lake	1	0	7.18	7.18	MILES	Category 5A	04/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Development	High	TMDL Needed (5A)
Roy Creek	Roy Creek	RIVER	11030	10000975	148200	Green Lake	1	0	7.18	7.18	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Development	High	TMDL Needed (5A)
Rubicon River	Rubicon River	RIVER	11555	6977676	856500	Dodge	1	0	9.69	9.69	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Rubicon River	Rubicon River	RIVER	6977678	6977679	856500	Dodge, Washington	4	11.43	29	17.57	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Running Valley Creek	Running Valley Creek	RIVER	15745	10004386	2082700	Dunn	1	0	4.61	4.61	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Rush Creek	Rush Creek	RIVER	18790	10006633	2066900	Dunn	1	0	5.2	5.2	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Ryan Creek	Ryan Creek	RIVER	5719503	10037315	5100	Milwaukee	1	0	6.86	6.86	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Sackett Lake	Sackett Lake	LAKE	14316	10003232	1764500	Taylor	1			60.17	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Sailor Creek Flowage	Sailor Creek Flowage	IMPOUNDMENT	18678	10006054	2252200	Price	1			215	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Sand Creek	Sand Creek	RIVER	14017	10003023	1689700	Jackson, Monroe, La Crosse	1	0	10.21	10.21	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Sand Lake	Sand Lake	LAKE	127700	10026671	591600	Florence	1			48.35	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Sand Lake	Sand Lake	LAKE	18665	10006531	2353600	Rusk, Chippewa	1			271.76	ACRES	Category 5B	04/01/2012	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Sandy Creek	Sandy Creek	RIVER	18576	10006469	966100	Grant	2	0.37	6.01	5.64	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Sauk Creek	Sauk Creek	RIVER	11342	10001213	49500	Ozaukee	1	0	15.9	15.9	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Scattering Rice Lake	Scattering Rice Lake	LAKE	128607	10007713	1600300	Vilas	1			263.28	ACRES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	Proposed for List	High	TMDL Needed (5A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Schoenick Creek	Schoenick Creek	RIVER	5513393	10032981	321000	Shawano	2	3.57	4.13	0.56	MILES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	High	Phosphorus Listed (5P)
Schoenick Creek	Schoenick Creek	RIVER	5513424	10032982	321000	Shawano	3	4.17	7.62	3.45	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	High	TMDL Needed (5A)
School Creek	School Creek	RIVER	10184	10000350	92200	Brown, Kewaunee	1	0	5.6	5.6	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Medium	TMDL Needed (5A)
Schultz Creek	Schultz Creek	RIVER	11406	10001254	833800	Dodge	1	0	4.71	4.71	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Scotch Creek	Scotch Creek	RIVER	12460	10002049	1455600	Marathon	1	0	3.72	3.72	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Scotch Creek	Scotch Creek	RIVER	18354	10006321	1455600	Marathon	2	3.72	10.68	6.96	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Scotch Creek	Scotch Creek	RIVER	12461	6961623	1455600	Marathon	3	10.68	18.25	7.57	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Scott Lake	Scott Lake	LAKE	16577	10005050	2630700	Barron	1			76.36	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Scout Lake	Scout Lake	LAKE	207466	10008142	6100	Milwaukee	1			5.46	ACRES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Scuppernong River	Scuppernong River	RIVER	11789	10001554	817600	Jefferson, Waukesha	1	0	13	13	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Searles Creek	Searles Creek	RIVER	13618	10002798	879500	Green	1	0	10.33	10.33	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Second Lake	Second Lake	LAKE	128279	10007424	1572300	Oneida	1			102.72	ACRES	Category 5B	04/01/2014	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Seeley Creek	Seeley Creek	RIVER	12990	10002421	1275300	Sauk	1	0	13.12	13.12	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Selner Park Beach (City Of Kewaunee), Lake Michigan	Lake Michigan	GREAT LAKES BEACH	1452524	10024761	20	Kewaunee	16			0.99	MILES	Category 5A	04/01/2006	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Sevenmile Creek	Sevenmile Creek	RIVER	10994	10026719	136800	Fond du Lac	1	0	10.99	10.99	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Addition	High	TMDL Needed (5A)
Sevenmile Creek	Sevenmile Creek	RIVER	10994	10026719	136800	Fond du Lac	1	0	10.99	10.99	MILES	Category 5A	04/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Development	High	TMDL Needed (5A)
Sevenmile Creek	Sevenmile Creek	RIVER	13061	10002460	1302400	Juneau	1	0	13.83	13.83	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Sevenmile Creek	Sevenmile Creek	RIVER	16088	10004665	2128700	Eau Claire	1	0	4.72	4.72	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Sevenmile Creek	Sevenmile Creek	RIVER	16089	10004666	2128700	Chippewa	2	4.72	7.19	2.47	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Sevenmile Lake	Sevenmile Lake	LAKE	128281	10007426	1605800	Forest, Oneida	1			518.2	ACRES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Seymour Creek	Seymour Creek	RIVER	13024	10026356	1291400	Juneau	1	0	2.63	2.63	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Seymour Creek	Seymour Creek	RIVER	946527	10010325	1291400	Juneau, Vernon	2	2.63	6.48	3.85	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Seymour Creek	Seymour Creek	RIVER	946550	10010326	1291400	Monroe, Vernon	3	6.48	11.49	5.01	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Shannahan Valley Creek	Shannahan Valley Creek	RIVER	13466	10026085	1257900	Sauk	1	0	1.3	1.3	MILES	Category 5A	04/01/2002	Habitat/ Physical	Ammonia (Unionized) - Toxin	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Shannahan Valley Creek	Shannahan Valley Creek	RIVER	13466	10026085	1257900	Sauk	1	0	1.3	1.3	MILES	Category 5A	04/01/2002	Habitat/ Physical	BOD	Low DO	303d Listed	Low	TMDL Needed (5A)
Shannahan Valley Creek	Shannahan Valley Creek	RIVER	13466	10026085	1257900	Sauk	1	0	1.3	1.3	MILES	Category 5A	04/01/2002	Habitat/ Physical	Elevated Water Temperature	Impairment Unknown	303d Listed	Low	TMDL Needed (5A)
Shannon Lake	Shannon Lake	LAKE	128610	10026107	1016800	Vilas	1			34.9	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Shattuck Lake, North	North Shattuck Lake	LAKE	18859	10006691	1869300	Chippewa	1			39.13	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Shawano Lake	Shawano Lake	LAKE	9825	10000104	322800	Shawano	1			6215.51	ACRES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Shawano Lake	Shawano Lake	LAKE	9825	10000104	322800	Shawano	1			6215.51	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Excess Algal Growth	303d Listed	High	TMDL Needed (5A)
Sheboygan River	Sheboygan River	RIVER	11354	10008190	50700	Sheboygan	1	0	13.58	13.58	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue, Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
Sheboygan River	Sheboygan River	RIVER	11354	10008190	50700	Sheboygan	1	0	13.58	13.58	MILES	Category 5A	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Sherman Creek	Sherman Creek	RIVER	16080	10006874	2125100	Eau Claire, Chippewa	1	0	14.03	14.03	MILES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Sherwood Lake	Sherwood Lake*	IMPOUNDMENT	14240	10003172	1736200	Clark	1			117	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Shioc River	Shioc River	RIVER	9800	10000084	316800	Outagamie, Shawano	1	0	27.96	27.96	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Shoop Park Beach, Lake Michigan	Lake Michigan	GREAT LAKES BEACH	3992139	10028614	20	Racine	91			0.09	MILES	Category 5A	04/01/2014	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Silver Birch Lake	Silver Birch Lake	LAKE	15605	10004282	2054600	Pepin	1			144.56	ACRES	Category 5A	04/01/1998	NPS	Total Phosphorus	Eutrophication, Elevated pH	303d Listed	Low	TMDL Needed (5A)
Silver Creek	Silver Creek	RIVER	9872	10035940	67300	Manitowoc	1	0	17.98	17.98	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Silver Creek	Silver Creek	RIVER	11028	10038624	146800	Green Lake, Fond du Lac	1	0.97	12.41	11.44	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Addition	High	Phosphorus Listed (5P)
Silver Creek	Silver Creek	RIVER	11028	10038624	146800	Green Lake, Fond du Lac	1	0.97	12.41	11.44	MILES	Category 5A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Development	High	TMDL Needed (5A)
Silver Creek	Silver Creek	RIVER	359092	10038623	146800	Fond du Lac	2	12.41	14.36	1.95	MILES	Category 5A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Development	High	TMDL Needed (5A)
Silver Creek	Silver Creek	RIVER	11457	10001292	847600	Dodge	1	0	5.26	5.26	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Silver Creek	Silver Creek	RIVER	13004	10002427	1280000	Sauk	1	0	4.4	4.4	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	TMDL Development	High	TMDL Needed (5A)
Silver Creek	Silver Creek	RIVER	13004	10002427	1280000	Sauk	1	0	4.4	4.4	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Low DO, Degraded Habitat	TMDL Development	High	TMDL Needed (5A)
Silver Creek Mouth	Silver Creek	LAKE	896230	10009008	146800	Green Lake	3			155.98	ACRES	Category 5A	04/01/2012	Unknown	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Silver Creek(Havel Creek)	Silver Creek	RIVER	10212	10026815	94900	Kewaunee	2	1.5	7	5.5	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
Silver Lake	Silver Lake	LAKE	18028	10026144	67400	Manitowoc	1			72.61	ACRES	Category 4A	04/01/1998	PS/NPS	Total Phosphorus	Fish Kills, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2004 (4A)
Silver Lake	Silver Lake	LAKE	15841	10004457	1881100	Barron	1			330.71	ACRES	Category 5B	04/01/2012	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Silver Lake	Silver Lake	LAKE	17171	10026819	2496900	Washburn	1			188.46	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Silver School Branch	Silver School Br	RIVER	13637	10002809	880400	Green	1	0	6.14	6.14	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Silver Spring Creek	Silver Spring Creek	RIVER	13777	10026289	917700	Lafayette	1	0	5.9	5.9	MILES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Silver Spring Creek	Silver Spring Creek	RIVER	13777	10026289	917700	Lafayette	1	0	5.9	5.9	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Simmons Island Beach, Lake Michigan	Lake Michigan	GREAT LAKES BEACH	1452862	10024771	20	Kenosha	27			0.45	MILES	Category 5A	04/01/2006	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Sinissippi Lake	Sinissippi Lake (Hustisford)	IMPOUNDMENT	11467	10001301	859900	Dodge	1			1647.77	ACRES	Category 4A	04/01/2006	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Sinissippi Lake	Sinissippi Lake (Hustisford)	IMPOUNDMENT	11467	10001301	859900	Dodge	1			1647.77	ACRES	Category 4A	04/01/2006	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Sinsinawa River	Sinsinawa River	RIVER	13850	10002934	940200	Grant	1	10.31	21.13	10.82	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Siskiwit Lake	Siskiwit Lake	LAKE	890939	10008910	2882300	Bayfield	1			284.8	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Sissabagama Lake	Sissabagama Lake	LAKE	15374	10004088	2393500	Sawyer	1			805.42	ACRES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Six Lake	Lake Six	LAKE	14899	10003685	2294500	Iron	1			142.44	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Six Mile Creek	Sixmile Creek	RIVER	11691	10001477	805500	Dane	1	0	8.5	8.5	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Skinner Creek	Skinner Creek	RIVER	13678	10002837	894500	Green	1	0	14	14	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Slaughterhouse Creek	Slaughterhouse Creek	RIVER	12806	10002279	1568100	Oneida	1	0	0.7	0.7	MILES	Category 5A	04/01/1998	Contam. Sed.	Unspecified Metals	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Slim Creek	Slim Creek	RIVER	15998	10026767	2108400	Washburn	1	0	3	3	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Slim Lake	Slim Lake	LAKE	16000	10004596	2109300	Washburn	1			209.86	ACRES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Snipe Lake	Snipe Lake	LAKE	128615	10007719	1018500	Vilas	1			215.5	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Solberg Lake	Solberg Lake	LAKE	14731	10003547	2242500	Price	1			843.58	ACRES	Category 5B	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Solberg Lake	Solberg Lake	LAKE	14731	10003547	2242500	Price	1			843.58	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Somo Lake	Somo Lake	LAKE	128861	10007947	1547700	Lincoln	1			404.02	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Soper Creek	Soper Creek	RIVER	14129	10003091	1693400	Monroe	1	0	7.97	7.97	MILES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
South 43rd Street Ditch	Unnamed	RIVER	9981	10000209	15900	Milwaukee	1	0	1.16	1.16	MILES	Category 4A	04/01/2012	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
South 43rd Street Ditch	Unnamed	RIVER	9981	10000209	15900	Milwaukee	1	0	1.16	1.16	MILES	Category 4A	04/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
South Br Creek (S Br Baraboo)	South Branch Creek	RIVER	13029	10008072	1289800	Vernon	1	0	1.25	1.25	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
South Branch Creek	Unnamed	RIVER	3899370	10027435	3000073	Milwaukee	1	0	2.36	2.36	MILES	Category 5A	04/01/2018	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	TMDL Needed (5A)
South Branch Creek	Unnamed	RIVER	3899370	10027435	3000073	Milwaukee	1	0	2.36	2.36	MILES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
South Branch Creek	Unnamed	RIVER	3899370	10027435	3000073	Milwaukee	1	0	2.36	2.36	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
South Branch Of Underwood Creek	Unnamed	RIVER	10028	10000236	16800	Waukesha, Milwaukee	1	0	1.11	1.11	MILES	Category 5A	04/01/2018	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	TMDL Needed (5A)
South Branch Of Underwood Creek	Unnamed	RIVER	10028	10000236	16800	Waukesha, Milwaukee	1	0	1.11	1.11	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
South Branch O'Neil Creek	South Branch O'Neill Creek	RIVER	18626	10006499	1749300	Clark, Wood	1	0	18.07	18.07	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
South Branch Tenmile Creek	South Branch Tenmile Creek	RIVER	1489448	10024813	1383200	Portage	3	6.94	11.18	4.24	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	TMDL Needed (5A)
South Branch Trade River	South Branch Trade River	RIVER	16684	10005135	2641600	Polk	1	0	2.52	2.52	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
South Fish Creek	South Fish Creek	RIVER	17624	10008261	2889900	Bayfield	1	0	22.51	22.51	MILES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
South Fork Eau Claire River	South Fork Eau Claire River	RIVER	5542152	10034700	2137000	Clark	3	19.81	38.7	18.89	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
South Fork Eau Claire River	South Fork Eau Claire River	RIVER	5542093	10034681	2137000	Clark, Taylor	2	38.7	48.93	10.23	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
South Fork Hay River	South Fork Hay River	RIVER	1454817	10023560	2070100	Dunn	6	0	7.08	7.08	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
South Fork Lemonweir River	South Fork Lemonweir River	RIVER	888023	10035721	1338500	Monroe	2	6.21	12.2	5.99	MILES	Category 5A	04/01/1998	PS/NPS	BOD	Low DO	303d Listed	Low	TMDL Needed (5A)
South Fork Lemonweir River	South Fork Lemonweir River	RIVER	888023	10035721	1338500	Monroe	2	6.21	12.2	5.99	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO, Degraded Biological Community	TMDL Development	High	TMDL Needed (5A)
South Fork Lemonweir River	South Fork Lemonweir River	RIVER	3870704	10025902	1338500	Monroe	3	13.28	22.03	8.75	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
South Fork Popple (Poplar) River	South Fork Popple River	RIVER	14280	10003201	1754100	Clark	1	0	10	10	MILES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
South Fork Popple River	South Fork Popple River	RIVER	14281	10003202	1754100	Clark	2	10	20	10	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
South Fork Thunder River	South Fork Thunder River	RIVER	18284	10026638	538400	Oconto, Marinette	1	0	4.36	4.36	MILES	Category 5A	04/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity	Proposed for List	Low	TMDL Needed (5A)
South Fork Willow River	South Fork Willow River	RIVER	16414	10004908	2609200	Saint Croix	1	0	5.3	5.3	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
South Shore Beach, Lake Michigan	Lake Michigan	GREAT LAKES BEACH	481411	10008800	20	Milwaukee	1			0.65	MILES	Category 5A	04/01/2004	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Spider Lake	Spider Lake	LAKE	891245	10008927	2918600	Ashland	1			86.39	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Spider Lake (Whispering)	Spider Lake	LAKE	14992	10003764	2306300	Iron	1			358.69	ACRES	Category 5B	04/01/2012	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Spillerberg Lake	Spillerberg Lake	LAKE	891279	10008929	2936200	Ashland	1			74.91	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Spirit Lake	Spirit Lake	LAKE	425781	10008717	1513000	Price, Taylor	1			136.8	ACRES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Spirit Lake	Spirit Lake	LAKE	425781	10008717	1513000	Price, Taylor	1			136.8	ACRES	Category 5A	04/01/2012	Unknown	Total Phosphorus	Impairment Unknown, Excess Algal Growth	TMDL Development	High	Natural Conditions (5C)
Spirit Lake (Three Lakes Chain)	Spirit Lake	LAKE	128297	10007441	1612000	Oneida	1			347.76	ACRES	Category 5B	04/01/2018	Atm. Dep.	Mercury	Contaminated Fish Tissue	Proposed for List	Low	Mercury Atm. Dep. (5B)
Spirit River Flowage	Spirit River Flowage	IMPOUNDMENT	128009	10007188	1506800	Lincoln	1			1219.96	ACRES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Spirit River Flowage	Spirit River Flowage	IMPOUNDMENT	128009	10007188	1506800	Lincoln	1			1219.96	ACRES	Category 5A	04/01/2012	NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
Spring (Dorn) Creek	Dorn Creek	RIVER	11693	10001478	805600	Dane	1	0	1	1	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Spring (Dorn) Creek	Dorn Creek	RIVER	11694	10001479	805600	Dane	2	1	6.46	5.46	MILES	Category 5A	04/01/2002	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Spring (Dorn) Creek	Dorn Creek	RIVER	11694	10001479	805600	Dane	2	1	6.46	5.46	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Spring (Dorn) Creek	Dorn Creek	RIVER	11694	10001479	805600	Dane	2	1	6.46	5.46	MILES	Category 5A	04/01/2002	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Spring Brook	Spring Brook	RIVER	11005	10000956	140300	Winnebago	1	0.93	3.13	2.2	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Spring Brook Creek	Spring Brook	RIVER	12431	10002022	1440800	Langlade, Marathon	1	0	10.27	10.27	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Development	High	TMDL Needed (5A)
Spring Brook Creek	Spring Brook	RIVER	12432	10002023	1440800	Langlade	2	10.26	12.65	2.39	MILES	Category 5A	04/01/1998	Contam. Sed.	Unspecified Metals	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Spring Brook Creek	Spring Brook	RIVER	12432	10002023	1440800	Langlade	2	10.26	12.65	2.39	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	TMDL Development	High	TMDL Needed (5A)
Spring Brook Creek	Spring Brook	RIVER	18345	10024968	1440800	Langlade	3	12.65	14.59	1.94	MILES	Category 5A	04/01/1998	Contam. Sed.	Unspecified Metals	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Spring Brook Creek	Spring Brook	RIVER	18345	10024968	1440800	Langlade	3	12.65	14.59	1.94	MILES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Spring Brook T02n R14e S27	Spring Brook	RIVER	11615	10001420	791300	Rock	1	0	2	2	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Spring Brook, North Branch	Unnamed	RIVER	425450	10008709	752500	Walworth	1	0	2.1	2.1	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
Spring Creek	Spring Creek	RIVER	11094	10026432	172400	Columbia	1	0	5.32	5.32	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Spring Creek	Spring Creek	RIVER	10492	10000583	753900	Walworth	1	0	5.16	5.16	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat, Turbidity	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Spring Creek	Spring Creek	RIVER	10482	10000574	773400	Waukesha	1	0	6.57	6.57	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	303d Listed	Low	TMDL Needed (5A)
Spring Creek	Spring Creek	RIVER	11795	10001559	819100	Jefferson	1	0	4.52	4.52	MILES	Category 4A	04/01/1998	NPS	Total Phosphorus	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Spring Creek	Spring Creek	RIVER	11795	10001559	819100	Jefferson	1	0	4.52	4.52	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Spring Creek	Spring Creek	RIVER	13609	10002792	877000	Green	1	0	10.31	10.31	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Spring Creek (S29)	Spring Creek	RIVER	1444913	10023466	2085900	Barron	2	0	5.14	5.14	MILES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Spring Creek (Solon Spring Creek)	Unnamed	RIVER	1497732	10024977	2748100	Douglas	1	0	2.51	2.51	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Spring Harbor Beach	Lake Mendota	INLAND BEACH	1491284	10024853	805400	Dane	39			0.1	MILES	Category 5A	04/01/2014	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Spring Lake	Spring Lake	SPRINGS-LAKE	10311	10000440	267200	Portage	1			38.17	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions, Impairment Unknown	303d Listed	Low	TMDL Needed (5A)
Spring Lake Lower	Spring Lake	LAKE	902136	10009837	820800	Jefferson	1			104.72	ACRES	Category 5P	04/01/2012	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Squaw Creek	Squaw Creek	RIVER	12363	10001976	1420700	Marathon, Wood	1	0	8.67	8.67	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Squaw Lake	Squaw Lake	LAKE	18693	10006556	2271600	Oneida, Vilas	1			735.56	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Squaw Lake	Squaw Lake	LAKE	16606	10005074	2499000	Saint Croix	1			109.96	ACRES	Category 4A	04/01/1998	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
St Croix Creek	St Croix Creek	RIVER	17123	10005502	2749100	Douglas	1	0	1.04	1.04	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
St Croix River	Saint Croix River	RIVER	16373	10008079	2601400	Pierce, Saint Croix	1	0	17.43	17.43	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
St Croix River	Saint Croix River	RIVER	890644	10008899	2601400	Polk, Saint Croix	2	17.43	44.29	26.86	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
St Croix River	Saint Croix River	RIVER	890677	10008900	2601400	Polk	3	44.29	54.14	9.85	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
St. Croix Flowage	St Croix Flowage	IMPOUNDMENT	17084	10005472	2740300	Douglas	1			2247.38	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
St. Croix Lake	Lake Saint Croix	LAKE	16398	10025187	2601500	Pierce, Saint Croix	1			7695.89	ACRES	Category 4A	04/01/2008	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
St. Louis River AOC, Howards Bay	Saint Louis River	BAY/HARBOR	1527203	10025422	2843800	Douglas	4			140.57	ACRES	Category 5A	04/01/1998	Other	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
St. Louis River AOC, Howards Bay	Saint Louis River	BAY/HARBOR	1527203	10025422	2843800	Douglas	4			140.57	ACRES	Category 5A	04/01/1998	Other	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
St. Louis River AOC, Howards Bay	Saint Louis River	BAY/HARBOR	1527203	10025422	2843800	Douglas	4			140.57	ACRES	Category 5A	04/01/2010	Contam. Sed.	Lead	Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
St. Louis River AOC, St. Louis River	Saint Louis River	BAY/HARBOR	17465	10005776	2843800	Douglas	1			5902.36	ACRES	Category 5A	04/01/2006	Other	PAHs	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
St. Louis River AOC, St. Louis River	Saint Louis River	BAY/HARBOR	17465	10005776	2843800	Douglas	1			5902.36	ACRES	Category 5A	04/01/2010	Other	2,3,7,8-Tetrachlorodibenzo-p-dioxin (only)	Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
St. Louis River AOC, St. Louis River	Saint Louis River	BAY/HARBOR	17465	10005776	2843800	Douglas	1			5902.36	ACRES	Category 5A	04/01/1998	Other	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
St. Louis River AOC, St. Louis River	Saint Louis River	BAY/HARBOR	17465	10005776	2843800	Douglas	1			5902.36	ACRES	Category 5A	04/01/2010	Other	DDT	Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
St. Louis River AOC, St. Louis River	Saint Louis River	BAY/HARBOR	17465	10005776	2843800	Douglas	1			5902.36	ACRES	Category 5A	04/01/1998	Other	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
St. Louis River AOC, St. Louis River	Saint Louis River	BAY/HARBOR	17465	10005776	2843800	Douglas	1			5902.36	ACRES	Category 5A	04/01/2010	Other	Dieldrin	Contaminated Sediment	303d Listed	Low	TMDL Needed (5A)
St. Louis River AOC, St. Louis River	Saint Louis River	BAY/HARBOR	17465	10005776	2843800	Douglas	1			5902.36	ACRES	Category 5A	04/01/2006	Other	Unspecified Metals	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Staples Lake	Staples Lake	LAKE	16580	10005053	2631200	Polk, Barron	1			339.57	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	TMDL Needed (5A)
Starkweather Creek	Starkweather Creek	RIVER	11668	10001458	805100	Dane	1	0	3.65	3.65	MILES	Category 5A	04/01/1998	Contam. Sed.	Unspecified Metals	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Starkweather Creek	Starkweather Creek	RIVER	11668	10001458	805100	Dane	1	0	3.65	3.65	MILES	Category 5A	04/01/2016	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Starkweather Creek	Starkweather Creek	RIVER	11668	10001458	805100	Dane	1	0	3.65	3.65	MILES	Category 5A	04/01/1998	NPS	BOD	Low DO	303d Listed	Low	TMDL Needed (5A)
Starkweather Creek	Starkweather Creek	RIVER	11668	10001458	805100	Dane	1	0	3.65	3.65	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Steel Brook	Steel Brook	RIVER	11794	10001558	817800	Jefferson	2	1.7	2.7	1	MILES	Category 4A	04/01/1998	NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Steel Brook	Steel Brook	RIVER	11794	10001558	817800	Jefferson	2	1.7	2.7	1	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Stevens Creek	Stevens Creek	RIVER	11632	10001432	796300	Rock	1	0	8.35	8.35	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Stillwell Creek	Stillwell Creek	RIVER	14037	10003033	1662600	Monroe	1	0.01	2.46	2.45	MILES	Category 4A	04/01/2002	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2006 (4A)
Stony Brook	Stony Brook	RIVER	11427	10001270	837600	Dane, Dodge, Jefferson	1	0	15.43	15.43	MILES	Category 4A	04/01/2006	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Stony Creek	Stony Creek	RIVER	10219	10025681	96100	Door, Kewaunee	1	0	8.26	8.26	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Stony Creek	Stony Creek	RIVER	10220	10000378	96100	Door	2	8.27	16.02	7.75	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
Stream C, trib to Flambeau River	Unnamed	RIVER	3924686	10036600	4000013	Rusk	1	0	0.55	0.55	MILES	Category 5A	04/01/2012	Unknown	Copper	Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Stream C, trib to Flambeau River	Unnamed	RIVER	3924686	10036600	4000013	Rusk	1	0	0.55	0.55	MILES	Category 5A	04/01/2012	Unknown	Zinc	Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Sucker Creek	Sucker Creek	RIVER	11343	10027605	50100	Ozaukee, Sheboygan	1	0	10.19	10.19	MILES	Category 5A	04/01/2012	Unknown	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Sugar Camp Lake	Sugar Camp Lake	LAKE	128310	10007452	1020400	Oneida	1			519.14	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Sugar Creek	Sugar Creek	RIVER	10247	10000392	100500	Door	1	0	9	9	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Sugar Creek	Sugar Creek	RIVER	10488	10000579	752100	Walworth	1	0	26.33	26.33	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Sugar River	Sugar River	RIVER	1855695	10025771	875300	Rock	5	0	10.99	10.99	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Sugar River	Sugar River	RIVER	13651	10002821	875300	Green, Rock	1	10.99	56.14	45.15	MILES	Category 5P	04/01/2014	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Sugar River East Channel	Sugar River -East Channel	RIVER	5476700	10031000	878400	Green	1	0	3.19	3.19	MILES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Summit Lake	Summit Lake	LAKE	127905	10007094	1445600	Langlade	1			279.17	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Swan Creek	Swan Creek	RIVER	11662	10025684	803800	Dane	1	0	4.44	4.44	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Swan Creek	Swan Creek	RIVER	13608	10002791	876700	Rock	1	0	5.13	5.13	MILES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Swan Lake	Swan Lake	LAKE	10744	10000772	179800	Columbia	1			407.5	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Swinns Valley Creek	Unnamed	RIVER	14351	10026861	1776000	Buffalo	1	0	8.49	8.49	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
Sylvan Lake (Pipe)	Sylvan Lake	LAKE	15843	10004459	1884800	Barron	1			76.93	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Sylvan Lake (Pipe)	Sylvan Lake	LAKE	15843	10004459	1884800	Barron	1			76.93	ACRES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
T22n, R22e, S23 Sesw (Denmark Creek)	Unnamed	RIVER	10131	10000305	89100	Brown	1	0	4.65	4.65	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Tagatz Creek	Tagatz Creek	RIVER	10716	10010020	165800	Marquette	2	1.52	14.99	13.47	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	TMDL Needed (5A)
Tahkodah Lake	Lake Tahkodah	LAKE	890990	10008913	2473500	Bayfield	1			147.83	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Tainter Lake	Tainter Lake	IMPOUNDMENT	18791	10006634	2068000	Dunn	1			1387.21	ACRES	Category 4A	04/01/1998	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth, Elevated pH	TMDL Approved	Not Applicable	TMDL approved by EPA In 2012 (4A)
Tamarack Creek	Tamarack Creek	RIVER	14332	10026860	1770300	Trempealeau	1	0	6.31	6.31	MILES	Category 5A	04/01/2012	Unknown	Total Phosphorus	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Tappen Coulee Creek	Tappen Coulee Creek	RIVER	14409	10003296	1800300	Trempealeau	2	0	5.06	5.06	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
Taylor Creek	Taylor Creek	RIVER	13605	10034640	876300	Rock	1	0	6.06	6.06	MILES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Teal Lake	Teal Lake	LAKE	15519	10004209	2417000	Sawyer	1			1024.38	ACRES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Ten Mile Creek	Tenmile Creek	RIVER	1467873	10024479	2607900	Saint Croix	3	4.54	7.59	3.05	MILES	Category 5C	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	Natural Conditions (5C)
Tenmile Creek	Tenmile Creek	RIVER	15797	6977818	2089400	Barron	1	0	2.12	2.12	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Tenmile Creek	Tenmile Creek	RIVER	6977820	6977821	2089400	Rusk, Barron	2	3.24	21.12	17.88	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Tenmile Lake	Tenmile Lake	LAKE	15798	10024774	2089500	Barron	1			265.78	ACRES	Category 5A	04/01/2006	NPS	Total Phosphorus	Eutrophication	303d Listed	Low	TMDL Needed (5A)
Tenny Park Beach, Lake Mendota	Lake Mendota	INLAND BEACH	1527026	10025419	805400	Dane	42			0.1	MILES	Category 5A	04/01/2014	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Tess Corners Creek	Unnamed	RIVER	9965	10008084	6200	Waukesha, Milwaukee	-9	0	7.3	7.3	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Thiel Creek	Thiel Creek	RIVER	10332	10000457	280100	Waupaca	1	0	6.7	6.7	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	TMDL Needed (5A)
Third Lake	Third Lake	LAKE	128317	10007459	1572200	Oneida	1			96.66	ACRES	Category 5B	04/01/2014	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Thompson Lake	Lake Thompson	LAKE	128748	10008939	1569900	Oneida	1			401.22	ACRES	Category 5C	04/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	Natural Conditions (5C)
Thompson Lake	Lake Thompson	LAKE	128748	10008939	1569900	Oneida	1			401.22	ACRES	Category 5C	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Thompson Valley Creek	Thompson Valley Creek	RIVER	16107	10004676	2131100	Eau Claire	2	0	2.7	2.7	MILES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Thompson Valley Creek	Thompson Valley Creek	RIVER	16107	10004676	2131100	Eau Claire	2	0	2.7	2.7	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Thompson Valley Creek	Thompson Valley Creek	RIVER	16106	10024644	2131100	Eau Claire	1	2.71	9.77	7.06	MILES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Thompson Valley Creek	Thompson Valley Creek	RIVER	16106	10024644	2131100	Eau Claire	1	2.71	9.77	7.06	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Thunder Lake Inlet	Thunder Lake Inlet	RIVER	11916	10001659	533700	Marinette	1	0	1.25	1.25	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Tichigan Lake	Tichigan Lake	LAKE	10476	10000569	763600	Racine	1			281.7	ACRES	Category 5A	04/01/2012	NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Tichigan Lake	Tichigan Lake	LAKE	10476	10000569	763600	Racine	1			281.7	ACRES	Category 5A	04/01/2014	Unknown	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Timber Creek	Timber Creek	RIVER	14401	10003291	1796700	Jackson, Trempealeau	1	0	4.19	4.19	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Token Creek	Token Creek	RIVER	11676	10039320	806600	Dane	2	2.95	3.44	0.49	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2002 (4A)
Token Creek	Token Creek	RIVER	310734	10040484	806600	Dane	3	3.44	7.25	3.81	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2002 (4A)
Token Creek	Token Creek	RIVER	5546058	10040480	806600	Dane	4	7.25	9.9	2.65	MILES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Token Creek	Token Creek	RIVER	5546058	10040480	806600	Dane	4	7.25	9.9	2.65	MILES	Category 5P	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2002 (4A)
Token Creek	Token Creek	RIVER	5546125	10040482	806600	Dane	5	9.9	11.65	1.75	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Tomah Lake	Lake Tomah	IMPOUNDMENT	13599	10002784	1342100	Monroe	1			245.49	ACRES	Category 5A	04/01/1998	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth, Elevated pH	EAP Project	Not Applicable	TMDL Needed (5A)
Tomorrow/Waupaca River	Waupaca River	RIVER	315909	10008441	257400	Portage	3	32.77	38.58	5.81	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Tomorrow/Waupaca River	Waupaca River	RIVER	315930	10008442	257400	Portage	4	38.58	45.98	7.4	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Tomorrow/Waupaca River	Waupaca River	RIVER	1493981	10024905	257400	Portage	7	51.07	64.9	13.83	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Town Creek	Town Creek	RIVER	14181	10008088	1708100	Jackson	1	0	4	4	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Town Line Flowage	Town Line Flowage	IMPOUNDMENT	18607	10006484	1717300	Jackson	1			131.26	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Trade Lake, Little	Little Trade Lake	LAKE	16674	10005128	2639300	Burnett	1			125.89	ACRES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	TMDL Needed (5A)
Trappers Creek	Trappers Creek	RIVER	14292	10003211	1758400	Clark, Taylor	1	0	14.54	14.54	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Tree Lake	Tree Lake	LAKE	10324	10000452	289400	Portage	1			73.24	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Trego Lake	Trego Lake	LAKE	17332	10005676	2712000	Washburn	1			383.26	ACRES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Excess Algal Growth	Proposed for List	Low	TMDL Needed (5A)
Trempealeau River	Trempealeau River	RIVER	14412	10003297	1769900	Trempealeau	1	0	31.28	31.28	MILES	Category 5A	04/01/2002	Other	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Trempealeau River	Trempealeau River	RIVER	14412	10003297	1769900	Trempealeau	1	0	31.28	31.28	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Trempealeau River	Trempealeau River	RIVER	361924	10038903	1769900	Trempealeau	2	31.28	61.32	30.04	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Trempealeau River	Trempealeau River	RIVER	361967	10008536	1769900	Jackson, Trempealeau	3	61.98	69.85	7.87	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Trempealeau River	Trempealeau River	RIVER	362004	10026444	1769900	Jackson	4	69.85	81.51	11.66	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Trib To Brewery Creek	Unnamed	RIVER	353179	10008473	928700	Iowa	1	0	2.25	2.25	MILES	Category 5A	04/01/1998	PS/NPS	Cadmium	Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Trib To Brewery Creek	Unnamed	RIVER	353179	10008473	928700	Iowa	1	0	2.25	2.25	MILES	Category 5A	04/01/1998	PS/NPS	Lead	Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Trib To Brewery Creek	Unnamed	RIVER	353179	10008473	928700	Iowa	1	0	2.25	2.25	MILES	Category 5A	04/01/1998	PS/NPS	Zinc	Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Trib To Brewery Creek	Unnamed	RIVER	353179	10008473	928700	Iowa	1	0	2.25	2.25	MILES	Category 5A	04/01/1998	PS/NPS	Mercury	Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Trib To Livingston Br	Unnamed	RIVER	353406	10008474	932800	Iowa	1	0	3.5	3.5	MILES	Category 5A	04/01/1998	NPS	Ammonia (Unionized) - Toxin	Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Trib To Livingston Br	Unnamed	RIVER	353406	10008474	932800	Iowa	1	0	3.5	3.5	MILES	Category 5A	04/01/1998	NPS	BOD	Low DO	303d Listed	Low	TMDL Needed (5A)
Trib To Livingston Br	Unnamed	RIVER	353406	10008474	932800	Iowa	1	0	3.5	3.5	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Degraded Biological Community, Acute Aquatic Toxicity	303d Listed	Medium	TMDL Needed (5A)
Trib To The East River	Unnamed	RIVER	890826	10030740	5018099	Brown	1	0.65	1.38	0.73	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Tributary (E.BR) to Denuveau Creek	Unnamed	RIVER	1517827	10025178	139100	Fond du Lac	1	0	8.53	8.53	MILES	Category 5A	04/01/2002	PS/NPS	Total Phosphorus	Elevated Water Temperature, Degraded Habitat	TMDL Development	High	TMDL Needed (5A)
TRIBUTARY TO DEAD CREEK TO THE ROCK RIVER	Unnamed	RIVER	1517006	10025154	860400	Dodge	1	0	1.49	1.49	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Tributary to Rock River	Unnamed	RIVER	1517805	10025177	870500	Fond du Lac	2	0	1.63	1.63	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Tributary to S Br Yellow River	Unnamed	RIVER	1516846	10034282	1372800	Clark	1	0	1.07	1.07	MILES	Category 5A	04/01/2014	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Tripp Lake	Tripp Lake (Trapp)	LAKE	11781	10001549	816000	Walworth	1			121.13	ACRES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Trout Brook	Trout Brook	RIVER	17721	10005887	2913900	Ashland	1	0	3.25	3.25	MILES	Category 5A	04/01/2016	PS/NPS	Fecal Coliform	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Trout Creek	Trout Creek	RIVER	6898359	6898360	515900	Marinette	2	0	3.65	3.65	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Trout Run	Trout Run	RIVER	361621	10008519	1695500	Jackson	2	2.27	7.55	5.28	MILES	Category 5A	04/01/1998	NPS	BOD	Low DO	303d Listed	Low	TMDL Needed (5A)
Trout Run	Trout Run	RIVER	361621	10008519	1695500	Jackson	2	2.27	7.55	5.28	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Trout Run Creek	Trout Run Creek	RIVER	14344	10003252	1775000	Trempealeau	1	0	3.8	3.8	MILES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Trout Run Creek	Trout Run Creek	RIVER	14344	10003252	1775000	Trempealeau	1	0	3.8	3.8	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Trout Run Creek	Trout Run Creek	RIVER	14345	10003253	1775000	Trempealeau	2	3.8	6.05	2.25	MILES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Trude Lake	Trude Lake	LAKE	14946	10003728	2295200	Iron	1			785.67	ACRES	Category 5B	04/01/2002	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Trump Coulee Creek	Trump Coulee Creek	RIVER	14414	10026663	1800600	Jackson, Trempealeau	1	0	7.71	7.71	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	303d Listed	Low	TMDL Needed (5A)
Trump Coulee Creek	Trump Coulee Creek	RIVER	14414	10026663	1800600	Jackson, Trempealeau	1	0	7.71	7.71	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2004 (4A)
Tug Lake	Tug Lake	LAKE	128014	10026797	1482400	Lincoln	1			151.45	ACRES	Category 5B	04/01/2010	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Turner Lake (Pike Lake Chain)	Turner Lake	LAKE	14814	10003622	2268500	Price, Vilas	1			158.56	ACRES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Turtle Creek	Turtle Creek	RIVER	1480471	10024635	790300	Rock, Walworth	4	0.95	24.77	23.82	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Turtle Creek	Turtle Creek	RIVER	338091	10008457	790300	Walworth	3	24.77	35.58	10.81	MILES	Category 4A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Turtle Lake, North	North Turtle Lake	LAKE	15010	10003782	2310400	Vilas	1			359.15	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Turtle Lake, South	South Turtle Lake	LAKE	15009	10003781	2310200	Vilas	1			466.19	ACRES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Turtle Lake, South	South Turtle Lake	LAKE	15009	10003781	2310200	Vilas	1			466.19	ACRES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Excess Algal Growth	Addition	Low	TMDL Needed (5A)
Turtle-Flambeau Flowage	Turtle Flambeau Flowage	IMPOUNDMENT	14944	10026777	2294900	Iron	1			12942.5	ACRES	Category 5B	04/01/2014	NPS	Total Phosphorus	Eutrophication, Water Quality Use Restrictions, Excess Algal Growth	303d Listed	Low	Natural Conditions (5C)
Turtle-Flambeau Flowage	Turtle Flambeau Flowage	IMPOUNDMENT	14944	10026777	2294900	Iron	1			12942.5	ACRES	Category 5B	04/01/2002	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Turton Creek (American Valley Creek)	Turton Creek	RIVER	5688435	10036044	1777100	Trempealeau	4	0	2.87	2.87	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	TMDL Needed (5A)
Turton Creek (American Valley Creek)	Turton Creek	RIVER	14354	10036043	1777100	Trempealeau	1	2.87	3.6	0.73	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Twin Creek	Twin Creek	RIVER	18426	10006376	1279400	Sauk	1	0	8.78	8.78	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Twin Falls Flowage	Twin Falls Flowage	LAKE	127710	10026672	701900	Florence	1			569.65	ACRES	Category 5B	04/01/2018	Atm. Dep.	Mercury	Contaminated Fish Tissue	Proposed for List	Low	Mercury Atm. Dep. (5B)
Twin Grove Branch	Twin Grove Br	RIVER	13671	10002833	891300	Green	1	0	5.96	5.96	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Twin Lakes	Twin Lakes	LAKE	128617	10007721	1623700	Vilas	1			627.73	ACRES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Twin Lakes	Twin Lakes	LAKE	128574	10007685	1623800	Vilas	1			2871.01	ACRES	Category 5C	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	High	Natural Conditions (5C)
Twin Valley Lake	Twin Valley Lake	LAKE	13431	10026083	1245800	Iowa	1			135.92	ACRES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Two Axe Lake	Two Axe Lake	LAKE	15398	10004109	1887200	Sawyer	1			45.24	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Two Island Lake	Two Island Lake	LAKE	14529	10003384	1887500	Chippewa	1			29.41	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Two Rivers Harbor	Two Rivers Harbor	BAY/HARBOR	482709	10008819	47	Manitowoc	1			11.35	ACRES	Category 5A	04/01/1998	Other	Unknown Pollutant	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Ulao Creek	Unnamed	RIVER	10012	10026821	21200	Ozaukee	1	0	8.6	8.6	MILES	Category 5A	04/01/2016	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Ulao Creek	Unnamed	RIVER	10012	10026821	21200	Ozaukee	1	0	8.6	8.6	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Un Creek (T13n R 19e Nw Ne 06)	Unnamed	RIVER	10128	10000303	43500	Fond du Lac	1	0	10.9	10.9	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Un Creek (T22n-R16e-S22)	Unnamed	RIVER	9793	10000080	316100	Outagamie	1	0	4.97	4.97	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	High	TMDL Needed (5A)
Un Tr To Shullsburg Br	Unnamed	RIVER	13845	10008090	937800	Lafayette	1	0	4.3	4.3	MILES	Category 5A	04/01/1998	NPS	Lead	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Un Tr To Shullsburg Br	Unnamed	RIVER	13845	10008090	937800	Lafayette	1	0	4.3	4.3	MILES	Category 5A	04/01/1998	NPS	Zinc	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Un Tr To Shullsburg Br	Unnamed	RIVER	13845	10008090	937800	Lafayette	1	0	4.3	4.3	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Un Trib To Sinsinawa River	Unnamed	RIVER	13851	10036780	941100	Grant	1	0	5.93	5.93	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Un. Creek (Brown Deer Creek)(T08n R22e Sw Nw 07)	Unnamed	RIVER	10007	10000219	19700	Milwaukee	1	0	2.3	2.3	MILES	Category 5A	04/01/2018	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Proposed for List	Low	TMDL Needed (5A)
Un. Creek (T14n R18e Nw Ne 27)	Unnamed	RIVER	11261	10001140	44200	Fond du Lac	1	0	5.7	5.7	MILES	Category 5A	04/01/2016	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Un. Creek (Trinity Creek)(T09n R21e Se Ne 35)	Unnamed	RIVER	10010	10000222	20400	Ozaukee, Milwaukee	1	0	3.1	3.1	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Un. Creek (Trinity Creek)(T09n R21e Se Ne 35)	Unnamed	RIVER	10010	10000222	20400	Ozaukee, Milwaukee	1	0	3.1	3.1	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Un. Trib. To Onion River via Waldo Impoundment	Unnamed	RIVER	1489156	10024806	52600	Sheboygan	2	0.4	4.13	3.73	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Underwood Creek	Underwood Creek	RIVER	10026	10008091	16700	Milwaukee	1	0	2.84	2.84	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community, Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Underwood Creek	Underwood Creek	RIVER	10026	10008091	16700	Milwaukee	1	0	2.84	2.84	MILES	Category 5A	04/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	TMDL Needed (5A)
Underwood Creek	Underwood Creek	RIVER	10026	10008091	16700	Milwaukee	1	0	2.84	2.84	MILES	Category 5A	04/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Underwood Creek	Underwood Creek	RIVER	10027	10008092	16700	Waukesha, Milwaukee	2	2.84	8.54	5.7	MILES	Category 5A	04/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	TMDL Needed (5A)
Underwood Creek	Underwood Creek	RIVER	10027	10008092	16700	Waukesha, Milwaukee	2	2.84	8.54	5.7	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	High	Phosphorus Listed (5P)
Underwood Creek	Underwood Creek	RIVER	10027	10008092	16700	Waukesha, Milwaukee	2	2.84	8.54	5.7	MILES	Category 5A	04/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Unnamed	Unnamed	RIVER	5719859	10037326	3385	Racine, Milwaukee	1	0	2.92	2.92	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
Unnamed	Unnamed	RIVER	1524901	10025759	325000	Shawano	1	0	3.31	3.31	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	High	TMDL Needed (5A)
Unnamed	Unnamed	RIVER	1524934	10025373	326100	Shawano	1	0	5.33	5.33	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Unnamed (Brothertown) Creek	Unnamed	RIVER	5728467	10037740	132100	Calumet	1	0	3.75	3.75	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Unnamed (Trib To Crawford Creek)	Invalid WBIC. Not in ROW	RIVER	891570	10008949	0	Douglas	1				MILES	Category 5A	04/01/1998	Contam. Sed.	Creosote	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Unnamed (Trib To Crawford Creek)	Invalid WBIC. Not in ROW	RIVER	891570	10008949	0	Douglas	1				MILES	Category 5A	04/01/1998	Contam. Sed.	PAHs	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Unnamed Cr 17-6 (T30n, R3e, S17, Nwnw, 37)	Unnamed	RIVER	12482	10002065	1460500	Marathon, Taylor	1	0	3.9	3.9	MILES	Category 5C	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	Natural Conditions (5C)
Unnamed Creek	Unnamed	RIVER	5746464	10038320	131130	Calumet	1	0	1.89	1.89	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	TMDL Needed (5A)
Unnamed Creek	Unnamed	RIVER	5533601	10033421	1371200	Wood	3	5	7.91	2.91	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	TMDL Needed (5A)
Unnamed Creek	Unnamed	RIVER	482551	10008817	3000057	Calumet	1	0	2.92	2.92	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Unnamed Creek	Unnamed	RIVER	1525949	10025414	5000547	Douglas	1	0	0.69	0.69	MILES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Unnamed Creek (T18n, R21e, S13) Trib To St. Nazianz	Unnamed	RIVER	9889	10000149	73700	Manitowoc	1	0	4	4	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Unnamed Creek (T23n,R3e,S10,Sesw,72)	Unnamed	RIVER	12234	10001888	1371200	Wood	1	0	3	3	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Unnamed Creek (T23n,R3e,S10,Sesw,72)	Unnamed	RIVER	12235	10001889	1371200	Wood	2	3	5	2	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Unnamed Creek 2-13 (T29n, R4e, S2, Nwse, 37)	Unnamed	RIVER	18359	10006325	1458300	Marathon	1	0	3.22	3.22	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Unnamed Creek Trib To Upper Mud Lake	Unnamed	RIVER	305082	10036740	804100	Dane	1	0	5.65	5.65	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Low	Phosphorus Listed (5P)
Unnamed Ditch to Lk Michigan	Unnamed	RIVER	5536074	10034060	3000624	Marinette	1	0	3.53	3.53	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Unnamed E Trib. to Schoenick Cr	Unnamed	RIVER	5513459	10032983	321200	Shawano	1	0	2.07	2.07	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	High	TMDL Needed (5A)
Unnamed Stream	Keenans Creek	RIVER	5513171	10032924	803500	Dane	2	2	4.1	2.1	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Unnamed Stream	Unnamed	RIVER	5506375	10032053	453700	Oconto	1	0	0.71	0.71	MILES	Category 5C	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	Natural Conditions (5C)
Unnamed Stream	Unnamed	RIVER	5512970	10032905	801500	Dane	1	0	3.71	3.71	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Unnamed Stream	Unnamed	RIVER	5513101	10032918	802400	Dane	1	0	5.33	5.33	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Unnamed Stream	Unnamed	RIVER	5500551	10031700	3000212	Kewaunee	1	0	1.93	1.93	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Unnamed Stream	Unnamed	RIVER	5500585	10031701	3000213	Kewaunee	1	0	0.38	0.38	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Unnamed Stream	Unnamed	RIVER	5500585	10031701	3000213	Kewaunee	1	0	0.38	0.38	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Addition	Medium	TMDL Needed (5A)
Unnamed Stream	Unnamed	RIVER	3987619	10028263	5015142	Clark	1	0	2.33	2.33	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Development	High	TMDL Needed (5A)
Unnamed Stream	Unnamed	RIVER	3987535	10028260	5016277	Wood	1	0	1.94	1.94	MILES	Category 5A	04/01/2014	PS/NPS	Total Phosphorus	Degraded Biological Community	TMDL Development	High	TMDL Needed (5A)
Unnamed Stream (R21e S18	Unnamed	RIVER	10041	10000246	18350	Waukesha, Milwaukee	1	0	2	2	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Unnamed Stream (T19n, R22e, S3)	Unnamed	RIVER	18037	10006077	71600	Manitowoc	1	0	3	3	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Unnamed Trib T22n, R22e, S03 Sesw	Unnamed	RIVER	10134	10000308	89500	Brown	1	0	9.01	9.01	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	TMDL Needed (5A)
Unnamed Trib to Burgy Cr	Unnamed	RIVER	4000228	10029480	881000	Green	1	0	3.82	3.82	MILES	Category 5A	04/01/2014	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Unnamed Trib to Fischer River	Unnamed	RIVER	6863003	10040380	2182400	Taylor, Chippewa	1	1.7	5.46	3.76	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Unnamed Trib to Fourmile Creek	Unnamed	RIVER	6853227	10039796	64800	Sheboygan	1	0	1.52	1.52	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
Unnamed Trib to Lake Kegonsa	Unnamed	RIVER	6860960	10040200	803300	Dane	1	0	3.01	3.01	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Unnamed Trib to Lake Michigan	Unnamed	RIVER	5476532	10030962	498000	Marinette	1	0	6.04	6.04	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Unnamed Trib to Lotus Lake	Unnamed	RIVER	5477038	10031020	5006441	Polk	2	2.46	4.74	2.28	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Unnamed Trib to Marengo R	Unnamed	RIVER	5702214	10036930	2919600	Bayfield	1	0	5.87	5.87	MILES	Category 5A	04/01/2016	PS/NPS	Fecal Coliform	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Unnamed Trib To Mason Lake	Unnamed	RIVER	481686	10008805	176300	Adams	1	2.7	6	3.3	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Development	High	TMDL Needed (5A)
Unnamed Trib to Mineral Point Br at Survey Rd	Unnamed	RIVER	3991126	10028527	931000	Iowa	1	0	3.92	3.92	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Unnamed Trib to Peshtigo River	Unnamed	RIVER	6776865	10039607	515600	Marinette	1	0	0.53	0.53	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Unnamed Trib to Peshtigo River	Unnamed	RIVER	6776931	10039621	5008359	Marinette	1	0.45	2.21	1.76	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Unnamed Trib to Peshtigo River	Unnamed	RIVER	6776774	10039604	5008538	Marinette	1	0	0.63	0.63	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Unnamed Trib to Pigeon River	Unnamed	RIVER	6775097	10039421	5015231	Waupaca	1	0	1.8	1.8	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Unnamed Trib to Pigeon River	Unnamed	RIVER	6852789	10039782	5016138	Waupaca	1	0	1.85	1.85	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	High	TMDL Needed (5A)
Unnamed Trib to S Br Pigeon River	Unnamed	RIVER	6777222	10039630	295800	Waupaca	1	0	0.72	0.72	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	TMDL Needed (5A)
Unnamed Trib to S Fish Creek	Unnamed	RIVER	5698877	10036580	2890200	Bayfield	1	0	6.73	6.73	MILES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Unnamed Trib to Silver Creek	Unnamed	RIVER	5476590	10030980	146900	Green Lake	1	0	2.93	2.93	MILES	Category 5A	04/01/2016	NPS	Total Phosphorus	Degraded Biological Community	303d Listed	High	TMDL Needed (5A)
Unnamed Trib to Silver Creek	Unnamed	RIVER	5476567	10030965	147700	Fond du Lac	1	0	8.14	8.14	MILES	Category 5P	04/01/2016	NPS	Total Phosphorus	Impairment Unknown	303d Listed	High	Phosphorus Listed (5P)
Unnamed Trib to Spring Creek	Unnamed	RIVER	5477277	10031047	5033250	Dane, Columbia	1	0	3.78	3.78	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Unnamed Trib to Token Creek	Unnamed	RIVER	6876076	10040485	5033839	Dane	2	0	0.64	0.64	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Unnamed Trib to Trib of S Br Rock R	Unnamed	RIVER	5514082	10033140	871000	Fond du Lac	1	0	5.01	5.01	MILES	Category 5A	04/01/2016	NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Unnamed Trib to W Br Root River Canal	Unnamed	RIVER	6853289	10039798	4840	Racine	1	0	3.9	3.9	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
Unnamed Trib to W Br Shioc R	Unnamed	RIVER	5513990	10033100	319100	Shawano	1	0	1.46	1.46	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	High	TMDL Needed (5A)
Unnamed Trib to Yahara R	Unnamed	BAY/HARBOR	5535982	10034020	806300	Dane	1			9.16	ACRES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Unnamed Trib to Yahara R	Unnamed	RIVER	5536735	10034119	5033743	Dane	1	0	1.14	1.14	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Unnamed Trib to Yellow River	Unnamed	RIVER	4699046	10030065	1372500	Wood	1	0	1.25	1.25	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Unnamed Trib to Yellow River	Unnamed	RIVER	5533738	10033426	1374000	Clark	1	0	0.84	0.84	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	TMDL Needed (5A)
Unnamed Trib. to Unnamed Creek	Unnamed	RIVER	5513721	10033005	5030146	Washington	1	0	1.83	1.83	MILES	Category 5B	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
Unnamed Tributary to Silver Spring Creek	Unnamed	RIVER	3991302	10028533	5040863	Lafayette	1	0	1.43	1.43	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Medium	TMDL Needed (5A)
Unnamed W Trib to Schoenick Cr	Unnamed	RIVER	3997977	10028970	321400	Shawano	1	0	1.17	1.17	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Upper Buckatabon Lake	Upper Buckatabon Lake	LAKE	128692	10007795	1621800	Vilas	1			492.99	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Upper Buckatabon Lake	Upper Buckatabon Lake	LAKE	128692	10007795	1621800	Vilas	1			492.99	ACRES	Category 5B	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	High	Natural Conditions (5C)
Upper Fox River	Fox River	RIVER	359274	10008507	117900	Marquette, Columbia	5	145.65	162.1	16.45	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Upper Fox River	Fox River	RIVER	359244	10008506	117900	Columbia	6	162.1	166.56	4.46	MILES	Category 5A	04/01/2002	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Upper Kelly Lake	Upper Kelly Lake	LAKE	207470	10008146	7100	Waukesha, Milwaukee	1			12.68	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Upper Koshkonong	Koshkonong Creek	RIVER	304937	10038648	808800	Dane, Jefferson	2	27.27	48.42	21.15	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Degraded Biological Community, Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Upper Koshkonong	Koshkonong Creek	RIVER	304937	10038648	808800	Dane, Jefferson	2	27.27	48.42	21.15	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Upper Pine Creek	Upper Pine Creek	RIVER	1515438	10026866	2087300	Barron	4	2.32	11.32	9	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Medium	TMDL Needed (5A)
Upper Pine Creek	Upper Pine Creek	RIVER	15766	10004397	2087300	Barron	2	12.82	18.3	5.48	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Upper Pixley Flowage	Flambeau River	IMPOUNDMENT	890453	10026587	2225000	Price	1			84.32	ACRES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Upper Turtle Lake	Upper Turtle Lake	LAKE	15711	10004364	2079800	Barron	1			427.02	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	Addition	Low	TMDL Needed (5A)
Van Dyne Creek	Van Dyne Creek	RIVER	18155	10006170	132600	Winnebago, Fond du Lac	2	1	9.11	8.11	MILES	Category 5A	04/01/2002	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Development	High	TMDL Needed (5A)
Van Zile Lake	Van Zile Lake	LAKE	127822	10007020	608400	Florence, Forest	1			78.25	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Vance Creek	Vance Creek	RIVER	15695	10004350	2077100	Dunn	1	0	3.16	3.16	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Vance Creek	Vance Creek	RIVER	1515495	10025110	2077100	Barron	4	3.16	4.96	1.8	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Vermillion Creek & Spring	Unnamed	RIVER	1452285	10023507	2098700	Barron	1	0	1.53	1.53	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Vermont Creek	Vermont Creek	RIVER	13482	10026086	1249200	Dane	1	0	3.46	3.46	MILES	Category 5A	04/01/2004	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Vermont Creek	Vermont Creek	RIVER	13482	10026086	1249200	Dane	1	0	3.46	3.46	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Addition	Low	Phosphorus Listed (5P)
Vermont Creek	Vermont Creek	RIVER	13483	10002697	1249200	Dane	2	3.43	9.56	6.13	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	TMDL Needed (5A)
Vilas Park Beach	Lake Wingra	INLAND BEACH	1490942	10026722	805000	Dane	2			0.25	MILES	Category 5A	04/01/2008	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Villa Mann Creek	Unnamed	RIVER	9978	10000206	15300		1	0	1.2	1.2	MILES	Category 5A	04/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Virgin Lake	Virgin Lake	LAKE	128371	10007510	1614100	Oneida	1			260.79	ACRES	Category 5B	04/01/2016	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
W Br Eau Claire River	West Branch Eau Claire River	RIVER	1496996	10024958	1445700	Langlade	2	2.01	32.01	30	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Development	High	TMDL Needed (5A)
W Branch Big Eau Pleine River	West Branch Big Eau Pleine River	RIVER	12412	10002010	1432700	Marathon, Taylor	1	0	8.7	8.7	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
W Branch Big Eau Pleine River	West Branch Big Eau Pleine River	RIVER	12413	10026658	1432700	Taylor	2	8.7	12.49	3.79	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Development	High	TMDL Needed (5A)
W. Br. Starkweather Creek (Airport Road Creek)	Unnamed	RIVER	893239	10008957	805200	Dane	1	0	2.6	2.6	MILES	Category 5A	04/01/2016	NPS	Chloride	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Wapogasset Lake	Wapogasset Lake	LAKE	16486	10026576	2618000	Polk	1			1188.84	ACRES	Category 5A	04/01/2012	Unknown	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Ward Lake	Ward Lake	LAKE	18912	10006733	2599400	Polk	1			82.2	ACRES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Warm Water Beach, Lake Michigan	Lake Michigan	GREAT LAKES BEACH	1452984	10024776	20	Manitowoc	31			0.78	MILES	Category 5A	04/01/2006	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Waukau Creek	Waukau Creek	RIVER	18163	10006173	140700	Winnebago	2	0	4.22	4.22	MILES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Waupaca River	Waupaca River	RIVER	315887	10008440	257400	Waupaca	2	17.25	32.77	15.52	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Waxdale Creek	Unnamed	RIVER	10527	10008110	2300	Racine	1	0	2.91	2.91	MILES	Category 5A	04/01/2008	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Wayne Creek	Wayne Creek	RIVER	1438861	10023256	865500	Washington	5	0	3.1	3.1	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Wayne Creek	Wayne Creek	RIVER	358286	10008502	865500	Washington	4	3.08	4.14	1.06	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Wedde Creek	Wedde Creek	RIVER	11069	10001002	156000	Marquette	1	0	5.14	5.14	MILES	Category 5A	04/01/2016	NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Weiland Valley Creek	Unnamed	RIVER	14459	10003330	1813000	Buffalo	1	0.01	3.22	3.21	MILES	Category 4A	04/01/2004	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2005 (4A)
Welch Coulee Creek	Unnamed	RIVER	14372	10006867	1799300	Trempealeau	1	0	5.37	5.37	MILES	Category 4A	04/01/1998	NPS	Sediment/Total Suspended Solids	Elevated Water Temperature	TMDL Approved	Not Applicable	TMDL approved by EPA in 2003 (4A)
Wendt Creek	Wendt Creek	RIVER	13480	10039080	1248900	Dane	1	0.01	3.64	3.63	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
Wendt Creek	Wendt Creek	RIVER	887770	10008868	1248900	Dane	2	3.63	8.27	4.64	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Medium	TMDL Needed (5A)
West Br Baraboo River	West Branch Baraboo River	RIVER	13026	10008116	1288400	Juneau, Vernon	1	0	7.24	7.24	MILES	Category 5A	04/01/1998	NPS	BOD	Low DO	303d Listed	Low	TMDL Needed (5A)
West Br Baraboo River	West Branch Baraboo River	RIVER	13026	10008116	1288400	Juneau, Vernon	1	0	7.24	7.24	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Low DO	TMDL Development	High	TMDL Needed (5A)
West Br Baraboo River	West Branch Baraboo River	RIVER	13026	10008116	1288400	Juneau, Vernon	1	0	7.24	7.24	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	TMDL Development	High	TMDL Needed (5A)
West Br Big Creek	West Branch Big Creek	RIVER	18427	10006377	1281200	Juneau, Sauk	1	0	7.35	7.35	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
West Br Blue Mounds Creek	West Branch Blue Mounds Creek	RIVER	13434	10010266	1250400	Iowa	1	0	7.7	7.7	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
West Br. Menomonee	Unnamed	RIVER	1526845	10025416	5033615	Washington	1	0	2.45	2.45	MILES	Category 4A	04/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
West Branch Fond Du Lac River	West Branch Fond Du Lac River	RIVER	10990	10000947	134000	Fond du Lac	1	0	26.79	26.79	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
West Branch Fond Du Lac River	West Branch Fond Du Lac River	RIVER	10990	10000947	134000	Fond du Lac	1	0	26.79	26.79	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	High	TMDL Needed (5A)
West Branch Little Black	West Branch Little Black River	RIVER	14320	10003236	1766200	Taylor	1	0	12.96	12.96	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
West Branch Milwaukee River	West Branch Milwaukee River	RIVER	10117	10000294	40400	Dodge, Washington, Fond du Lac	1	0	20.6	20.6	MILES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
West Branch Root River Canal	West Branch Root River Canal	RIVER	9963	10008118	4500	Racine	1	0	4.43	4.43	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Low DO	303d Listed	Medium	TMDL Needed (5A)
West Branch Root River Canal	West Branch Root River Canal	RIVER	9963	10008118	4500	Racine	1	0	4.43	4.43	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	303d Listed	Medium	TMDL Needed (5A)
West Branch Sugar River	West Branch Sugar River	RIVER	13658	10002825	886100	Dane	1	0	7.64	7.64	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
West Branch Sugar River	West Branch Sugar River	RIVER	13659	10002826	886100	Dane	2	7.65	18.82	11.17	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
West Thunder Creek	West Thunder Creek	RIVER	11928	10001668	538100	Oconto	1	0	1.42	1.42	MILES	Category 5C	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	Natural Conditions (5C)
West Twin Lake	Twin Lakes	LAKE	890711	10008901	2462300	Saint Croix	1			98.55	ACRES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Eutrophication, Elevated pH	303d Listed	Low	TMDL Needed (5A)
West Twin Lake	Twin Lakes	LAKE	890973	10008912	2832200	Bayfield	1			15.07	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
West Twin River	West Twin River	RIVER	18050	10006087	87000	Manitowoc	1	0	5.9	5.9	MILES	Category 5A	04/01/2012	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
West Twin River	West Twin River	RIVER	18050	10006087	87000	Manitowoc	1	0	5.9	5.9	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
West Twin River	West Twin River	RIVER	18050	10006087	87000	Manitowoc	1	0	5.9	5.9	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	303d Listed	Medium	TMDL Needed (5A)
West Twin River	West Twin River	RIVER	9948	10000191	87000	Manitowoc	2	5.9	15.41	9.51	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	303d Listed	Medium	TMDL Needed (5A)
West Twin River	West Twin River	RIVER	9949	10026863	87000	Manitowoc	3	15.41	15.76	0.35	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	303d Listed	Medium	TMDL Needed (5A)
West Twin River	West Twin River	RIVER	9950	10008818	87000	Manitowoc	4	15.77	17.12	1.35	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	303d Listed	Medium	TMDL Needed (5A)
West Twin River	West Twin River	RIVER	18051	10006088	87000	Manitowoc	5	17.13	18.44	1.31	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
West Twin River	West Twin River	RIVER	18051	10006088	87000	Manitowoc	5	17.13	18.44	1.31	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	303d Listed	Medium	TMDL Needed (5A)
Weyers Lake	Weyers Lake	LAKE	9859	10000122	49400	Manitowoc	1			5.61	ACRES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
White Ash Lake	White Ash Lake	LAKE	16567	10005041	2628600	Polk	1			147.08	ACRES	Category 5C	04/01/2012	Other	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	Natural Conditions (5C)
White Ash Lake, North	White Ash Lake	LAKE	16568	10005042	2628800	Polk	1			115.75	ACRES	Category 5P	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
White Birch Lake (Ballard Chain)	White Birch Lake	LAKE	15234	10003969	2340500	Vilas	1			112.92	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
White Clay Lake	White Clay Lake	LAKE	11102	10001029	326400	Shawano	1			236.47	ACRES	Category 5A	04/01/2012	PS/NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
White Creek	White Creek	RIVER	14119	10003085	1691700	Jackson	1	0	3.1	3.1	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
White Mound Lake	White Mound Lake	LAKE	13469	10002687	1258100	Sauk	1			92.51	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
White River	White River	RIVER	10453	10000549	751200	Walworth	2	3	18.62	15.62	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
White Tail Flowage	White Tail Flowage	IMPOUNDMENT	14201	10003143	1717500	Jackson	1			94	ACRES	Category 5B	04/01/2002	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Whitefish Lake	Whitefish Lake	LAKE	128378	10007517	1613500	Oneida	1			198.84	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Whitefish Lake	Whitefish Lake	LAKE	18750	10006603	2392000	Sawyer	1			799.59	ACRES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Whiteside Creek	Whiteside Creek	RIVER	13691	10002844	899700	Lafayette	1	0	1.55	1.55	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Wi-173-Lw18-978900	Crystal Lake	LAKE	13489	10002701	978900	Dane, Columbia	1			524.96	ACRES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	303d Listed	Low	TMDL Needed (5A)
Wild Creek	Wild Creek	RIVER	12361	10001974	1420400	Marathon	1	0	8.77	8.77	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Willow Creek	Willow Creek	RIVER	10045	10000248	18800	Washington, Waukesha	1	0	2.8	2.8	MILES	Category 4A	04/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Willow Creek	Willow Creek	RIVER	10768	10034820	243700	Waushara	1	0	9.56	9.56	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Elevated Water Temperature	303d Listed	Low	TMDL Needed (5A)
Willow Creek	Willow Creek	RIVER	6902972	6902973	243700	Waushara	5	13.24	14.19	0.95	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	TMDL Needed (5A)
Willow Creek	Willow Creek	RIVER	10769	10000792	243700	Waushara	2	14.19	30.44	16.25	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	TMDL Needed (5A)
Willow Creek	Willow Creek	RIVER	11581	10001399	871500	Fond du Lac	1	0	6.84	6.84	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	Phosphorus Listed (5P)
Willow Flowage	Willow Flowage	LAKE	128380	10007519	1528300	Oneida	1			4229.44	ACRES	Category 5B	04/01/2012	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Willow Lake	Willow Lake	LAKE	128381	10026528	1529500	Oneida	1			409.62	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Willow River (140 St to 100th)	Willow River	RIVER	16411	10038943	2606900	Saint Croix	5	13.75	15.73	1.98	MILES	Category 5A	04/01/1998	PS/NPS	BOD	Low DO	303d Listed	Low	TMDL Needed (5A)
Willow River (140 St to 100th)	Willow River	RIVER	16411	10038943	2606900	Saint Croix	5	13.75	15.73	1.98	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Development	High	TMDL Needed (5A)
Wilson Creek	Wilson Creek	RIVER	18788	10006631	2066000	Dunn	1	0	3.37	3.37	MILES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Wilson Creek	Wilson Creek	RIVER	15662	10004326	2066000	Dunn	2	3.36	14.37	11.01	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Wilson Lake (Wilson Ck Fl)	Wilson Lake	LAKE	14720	10003538	2239400	Price	1			348.03	ACRES	Category 5P	04/01/2012	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Wilson Park Creek	Wilson Park Creek	RIVER	9975	10000203	15200	Milwaukee	1	0	3.5	3.5	MILES	Category 5A	04/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	TMDL Needed (5A)
Wilson Park Creek	Wilson Park Creek	RIVER	9975	10000203	15200	Milwaukee	1	0	3.5	3.5	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	High	Phosphorus Listed (5P)
Wilson Park Creek	Wilson Park Creek	RIVER	9975	10000203	15200	Milwaukee	1	0	3.5	3.5	MILES	Category 5A	04/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Wilson Park Creek	Wilson Park Creek	RIVER	9976	10000204	15200	Milwaukee	2	3.5	5.5	2	MILES	Category 4A	04/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	TMDL Approved	Not Applicable	TMDL approved by EPA in 2018 (4A)
Wind Lake	Wind Lake	LAKE	10469	10000564	761700	Racine	1			919.28	ACRES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Windigo Lake (Bass)	Windigo Lake	LAKE	15354	10004070	2046600	Sawyer	1			503.17	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Winnebago County Community Swim Area	Unnamed	INLAND BEACH	6878159	10040617	5556614	Winnebago	2			0.39	MILES	Category 5A	04/01/2018	NPS	E. coli	Recreational Restrictions - Pathogens	Proposed for List	Low	TMDL Needed (5A)
Winneconne Lake	Lake Winneconne	LAKE	10749	10000776	241600	Winnebago	1			4552.94	ACRES	Category 5A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Development	High	TMDL Needed (5A)
Winneconne Lake	Lake Winneconne	LAKE	10749	10000776	241600	Winnebago	1			4552.94	ACRES	Category 5A	04/01/1998	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	TMDL Development	High	TMDL Needed (5A)
Winter Lake (Price Flowage)	Winter Lake (Price Flowage)	IMPOUNDMENT	15324	10004043	2381100	Sawyer	1			256.85	ACRES	Category 5B	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	303d Listed	Low	Mercury Atm. Dep. (5B)
Wisconsin Point Beach #2, Lake Superior	Lake Superior	GREAT LAKES BEACH	1490997	10024845	2751220	Douglas	8			0.48	MILES	Category 5A	04/01/2008	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Wisconsin Point Beach 1, Lake Superior	Lake Superior	GREAT LAKES BEACH	3897974	10027274	2751220	Douglas	59			0.28	MILES	Category 5A	04/01/2014	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Wisconsin Point Beach 3, Lake Superior	Lake Superior	GREAT LAKES BEACH	3897996	10027275	2751220	Douglas	60			0.11	MILES	Category 5A	04/01/2014	NPS	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	Wisconsin River	RIVER	12919	10026113	1179900	Crawford, Grant	1	0	27.67	27.67	MILES	Category 5A	04/01/2002	Contam. Sed.	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	Wisconsin River	RIVER	12919	10026113	1179900	Crawford, Grant	1	0	27.67	27.67	MILES	Category 5A	04/01/2002	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	Wisconsin River	RIVER	885432	10008831	1179900	Crawford, Grant, Richland, Iowa	3	27.67	57.66	29.99	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	Wisconsin River	RIVER	885476	10008830	1179900	Dane, Sauk, Columbia, Iowa	4	57.66	90.94	33.28	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	Wisconsin River	RIVER	12920	10002369	1179900	Sauk, Columbia	2	90.94	116.16	25.22	MILES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	Wisconsin River	RIVER	12920	10002369	1179900	Sauk, Columbia	2	90.94	116.16	25.22	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	Wisconsin River	RIVER	885546	10026295	1179900	Sauk, Columbia	5	116.16	138.07	21.91	MILES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	Wisconsin River	RIVER	885546	10026295	1179900	Sauk, Columbia	5	116.16	138.07	21.91	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	Wisconsin River	RIVER	885619	10008832	1179900	Adams, Juneau, Sauk, Columbia	6	138.07	158.68	20.61	MILES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	Wisconsin River	RIVER	885619	10008832	1179900	Adams, Juneau, Sauk, Columbia	6	138.07	158.68	20.61	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	Wisconsin River	RIVER	885921	10008836	1179900	Adams, Juneau, Wood	9	187.81	204.17	16.36	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Wisconsin River	Wisconsin River	RIVER	885964	10008837	1179900	Wood, Portage	10	204.17	223.47	19.3	MILES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	Wisconsin River	RIVER	885964	10008837	1179900	Wood, Portage	10	204.17	223.47	19.3	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	Wisconsin River	RIVER	886006	10008838	1179900	Portage	11	223.47	237.05	13.58	MILES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	Wisconsin River	RIVER	886006	10008838	1179900	Portage	11	223.47	237.05	13.58	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	Wisconsin River	RIVER	886337	10008854	1179900	Marathon, Portage	12	237.05	268	30.95	MILES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	Wisconsin River	RIVER	886337	10008854	1179900	Marathon, Portage	12	237.05	268	30.95	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	Wisconsin River	RIVER	886383	10026296	1179900	Lincoln, Marathon	13	268	289.17	21.17	MILES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	Wisconsin River	RIVER	886383	10026296	1179900	Lincoln, Marathon	13	268	289.17	21.17	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River	Wisconsin River	RIVER	886523	10008856	1179900	Lincoln	14	289.17	293.67	4.5	MILES	Category 5A	04/01/1998	Contam. Sed.	Unknown Pollutant	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Wisconsin River (At Castle Rock Lake)	Wisconsin River	RIVER	885667	10008833	1179900	Adams, Juneau	7	158.68	173.27	14.59	MILES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River (At Castle Rock Lake)	Wisconsin River	RIVER	885667	10008833	1179900	Adams, Juneau	7	158.68	173.27	14.59	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River (At Castle Rock Lake)	Wisconsin River	RIVER	885667	10008833	1179900	Adams, Juneau	7	158.68	173.27	14.59	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Eutrophication, Degraded Biological Community	TMDL Development	High	TMDL Needed (5A)
Wisconsin River (At Petenwell Lake)	Wisconsin River	RIVER	885864	10008835	1179900	Adams, Juneau	8	173.27	187.81	14.54	MILES	Category 5A	04/01/1998	Contam. Sed.	Dioxin	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River (At Petenwell Lake)	Wisconsin River	RIVER	885864	10008835	1179900	Adams, Juneau	8	173.27	187.81	14.54	MILES	Category 5A	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River (At Petenwell Lake)	Wisconsin River	RIVER	885864	10008835	1179900	Adams, Juneau	8	173.27	187.81	14.54	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wisconsin River (At Petenwell Lake)	Wisconsin River	RIVER	885864	10008835	1179900	Adams, Juneau	8	173.27	187.81	14.54	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Development	High	TMDL Needed (5A)
Wissota Lake	Lake Wissota	IMPOUNDMENT	16248	10004780	2152800	Chippewa	1			4070.6	ACRES	Category 5A	04/01/1998	Atm. Dep.	PCBs	Contaminated Fish Tissue	303d Listed	Low	TMDL Needed (5A)
Wissota Lake	Lake Wissota	IMPOUNDMENT	16248	10004780	2152800	Chippewa	1			4070.6	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Wolf Lake	Wolf Lake	LAKE	899093	10009391	241100	Portage	1			22.05	ACRES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	High	Phosphorus Listed (5P)
Wolf River	Wolf River	RIVER	16149	10004705	2146000	Clark, Eau Claire, Chippewa	1	0	6.58	6.58	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	TMDL Needed (5A)
Wolf River	Wolf River	RIVER	889163	10040423	2146000	Clark, Chippewa	3	6.58	15.63	9.05	MILES	Category 5A	04/01/1998	PS/NPS	Unknown Pollutant	Low DO	303d Listed	Low	TMDL Needed (5A)
Wolf River	Wolf River	RIVER	889163	10040423	2146000	Clark, Chippewa	3	6.58	15.63	9.05	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Addition	Medium	TMDL Needed (5A)
Wolf River	Wolf River	RIVER	5696892	10036260	2146000	Clark, Taylor, Chippewa	4	16.12	31.29	15.17	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	Phosphorus Listed (5P)
Wolf River-Main Stem	Wolf River	RIVER	11237	10008126	241300	Winnebago	1	0	9.45	9.45	MILES	Category 5A	04/01/1998	NPS	Total Phosphorus	Low DO	TMDL Development	High	TMDL Needed (5A)
Wolf River-Main Stem	Wolf River	RIVER	11237	10008126	241300	Winnebago	1	0	9.45	9.45	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Development	High	TMDL Needed (5A)
Wolf Valley Creek	Unnamed	RIVER	14451	10003324	1811200	Buffalo	1	0	2.7	2.7	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Wood Lake	Wood Lake	LAKE	16715	10005159	2649800	Burnett	1			521.24	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Woodward Creek	Woodward Creek	RIVER	360562	10008516	1691900	Jackson	1	0	4.02	4.02	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Wuerches Creek	Unnamed	RIVER	359163	10008504	148300	Green Lake	1	0	4.4	4.4	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Development	High	TMDL Needed (5A)
Wuerches Creek	Unnamed	RIVER	359163	10008504	148300	Green Lake	1	0	4.4	4.4	MILES	Category 5A	04/01/2008	NPS	Total Phosphorus	Low DO, Elevated Water Temperature	TMDL Development	High	TMDL Needed (5A)
Yahara R. Badfish Cr To Stoughton	Yahara River	RIVER	355120	10008480	798300	Dane, Rock	4	7.29	16.32	9.03	MILES	Category 4A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Yahara R. Badfish Cr To Stoughton	Yahara River	RIVER	355120	10008480	798300	Dane, Rock	4	7.29	16.32	9.03	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Yahara River	Yahara River	RIVER	5536043	10035084	798300	Dane	7	42.71	47.11	4.4	MILES	Category 5P	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Yahara River	Yahara River	RIVER	3990161	10028440	798300	Dane, Columbia	6	47.11	63.05	15.94	MILES	Category 5A	04/01/2016	NPS	Chloride	Chronic Aquatic Toxicity	303d Listed	Low	TMDL Needed (5A)
Yahara River	Yahara River	RIVER	3990161	10028440	798300	Dane, Columbia	6	47.11	63.05	15.94	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Yahara, Rock R. To Badfish Cr.	Yahara River	RIVER	18255	10006243	798300	Rock	1	0	7.29	7.29	MILES	Category 4A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Yahara, Rock R. To Badfish Cr.	Yahara River	RIVER	18255	10006243	798300	Rock	1	0	7.29	7.29	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Yahara, Stoughton To L. Kegonsa	Yahara River	RIVER	355202	10008481	798300	Dane	5	16.32	22.06	5.74	MILES	Category 4A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Degraded Habitat	TMDL Approved	Not Applicable	TMDL approved by EPA in 2011 (4A)
Yeager Valley Creek	Unnamed	RIVER	14445	10003319	1810200	Buffalo	1	0	4.43	4.43	MILES	Category 5A	04/01/1998	NPS	Sediment/Total Suspended Solids	Degraded Habitat	303d Listed	Low	TMDL Needed (5A)
Yellow Lake	Yellow Lake	LAKE	16930	10005345	2675200	Burnett	1			2283.51	ACRES	Category 5A	04/01/2010	Other	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Listing Detail
Yellow River	Yellow River	RIVER	12230	10034480	1352800	Juneau	1	0	8.43	8.43	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Degraded Biological Community	TMDL Development	High	TMDL Needed (5A)
Yellow River	Yellow River	RIVER	5541128	10034520	1352800	Juneau, Wood	3	8.43	39.1	30.67	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	TMDL Development	High	Phosphorus Listed (5P)
Yellow River	Yellow River	RIVER	12205	10034500	1352800	Wood	2	39.1	50.01	10.91	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Yellow River	Yellow River	RIVER	5541350	10034501	1352800	Wood	4	53.01	57.3	4.29	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Yellow River	Yellow River	RIVER	5541396	10034502	1352800	Wood	5	57.3	74.48	17.18	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Yellow River	Yellow River	RIVER	5541476	10034503	1352800	Clark, Wood	6	74.48	83.08	8.6	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Yellow River	Yellow River	RIVER	5541562	10034504	1352800	Clark	7	83.08	97.59	14.51	MILES	Category 5A	04/01/2012	NPS	Total Phosphorus	Water Quality Use Restrictions	TMDL Development	High	TMDL Needed (5A)
Yellow River	Yellow River	RIVER	1452311	10023508	2096100	Barron	2	0	9.75	9.75	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Yellow River	Yellow River	RIVER	18849	10038922	2154500	Taylor, Chippewa	1	0	45.42	45.42	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Low	Phosphorus Listed (5P)
Yellow River-E. Branch	East Branch Yellow River	RIVER	12239	10028268	1373200	Marathon, Wood	1	0	8.78	8.78	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	Phosphorus Listed (5P)
Yellow River-S. Branch	South Branch Yellow River	RIVER	12238	10026139	1372600	Clark, Wood	1	0	17.47	17.47	MILES	Category 5A	04/01/2014	NPS	Total Phosphorus	Degraded Biological Community	TMDL Development	High	TMDL Needed (5A)
Yellowstone Lake	Yellowstone Lake	LAKE	902228	10009851	903700	Lafayette	1			453.34	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	303d Listed	Low	TMDL Needed (5A)
Yellowstone River	Yellowstone River	RIVER	13711	10035460	902500	Lafayette	1	0	10.35	10.35	MILES	Category 5A	04/01/2016	PS/NPS	Total Phosphorus	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Yellowstone River	Yellowstone River	RIVER	13712	10035461	902500	Lafayette	2	12.8	13.5	0.7	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Low	TMDL Needed (5A)
Yellowstone River	Yellowstone River	RIVER	13713	10002855	902500	Lafayette	3	13.5	17.5	4	MILES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Degraded Biological Community	303d Listed	Low	TMDL Needed (5A)
Yellowstone River	Yellowstone River	RIVER	18552	10006454	902500	Lafayette, Iowa	4	17.5	25	7.5	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Medium	TMDL Needed (5A)
Ymca Beach, Lake Michigan	Lake Michigan	GREAT LAKES BEACH	481912	10008809	20	Manitowoc	8			0.21	MILES	Category 5A	04/01/2004	Other	E. coli	Recreational Restrictions - Pathogens	303d Listed	Low	TMDL Needed (5A)
Young Branch	Young Br	RIVER	13898	10002965	946400	Grant	1	0	3	3	MILES	Category 5P	04/01/2012	NPS	Total Phosphorus	Impairment Unknown	303d Listed	Medium	Phosphorus Listed (5P)
Zion Creek	Zion Creek	RIVER	424601	10008670	772400	Waukesha	1	0	1.65	1.65	MILES	Category 5A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	303d Listed	Low	TMDL Needed (5A)
Zion Creek	Zion Creek	RIVER	424601	10008670	772400	Waukesha	1	0	1.65	1.65	MILES	Category 5A	04/01/1998	PS/NPS	Sediment/Total Suspended Solids	Elevated Water Temperature, Degraded Habitat	303d Listed	Low	TMDL Needed (5A)

2018 New Listings

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Confirmed Year	Listing Detail
Allen Creek	Allen Creek	RIVER	13623	10002800	883700	Green, Rock	1	0	10.6	10.57	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	2017	Phosphorus Listed (5P)
Annis Creek	Annis Creek	RIVER	15664	10004328	2066200	Dunn	1	0	5.97	5.97	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Anodanta Lake	Anodanta Lake	LAKE	20558	10011028	2898200	Bayfield	1			25.89	ACRES	Category 5B	04/01/2018	Atm. Dep.	Mercury	Contaminated Fish Tissue	Proposed for List	Low	2017	Mercury Atm. Dep. (5B)
Arbutus Lake	Arbutus Lake*	LAKE	14235	10003168	1727700	Clark, Jackson	1			773.8	ACRES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	Low	2017	Phosphorus Listed (5P)
Arkansaw Creek	Arkansaw Creek	RIVER	15612	10004288	2055300	Pepin	1	0	9.01	9.01	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Arrowhead River	Arrowhead River	RIVER	10750	10000777	241700	Winnebago	1	0	6.5	6.5	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	High	2017	TMDL Needed (5A)
Badger Mill Creek	Badger Mill Creek	RIVER	13654	10002822	888100	Dane	1	0	2	2	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Medium	2017	TMDL Needed (5A)
Badger Mill Creek	Badger Mill Creek	RIVER	13655	10002823	888100	Dane	2	2	5	3	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Medium	2017	TMDL Needed (5A)
Barker Island Inner Beach	Lake Superior	GREAT LAKES BEACH	1452402	10023510	2751220	Douglas	2			0.4	MILES	Category 5A	04/01/2018	PS/NPS	E. coli	Recreational Restrictions - Pathogens	Proposed for List	Low	2017	TMDL Needed (5A)
Bear Creek	Bear Creek	RIVER	315668	10008438	267400	Portage	2	1.94	7.23	5.29	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	2017	TMDL Needed (5A)
Bear Creek	Bear Creek	RIVER	17455	10005772	2834600	Douglas	1	0	11	10.95	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Beaver Creek	Beaver Creek	RIVER	12237	10001891	1372300	Wood	1	0	4	4	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	2017	TMDL Needed (5A)
Beaver Creek	Beaver Creek	RIVER	5735909	10038020	1372300	Wood	2	4	6.21	2.21	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	2017	TMDL Needed (5A)
Beaver Creek	Beaver Creek	RIVER	14078	10003062	1677500	Trempealeau	3	7.04	18	11	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Beaver Creek	Beaver Creek	RIVER	16092	10024610	2129400	Eau Claire	1	0	8.05	8.05	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Benet Lake	Benet Lake	LAKE	3895153	10027035	734800	Kenosha	1			109.92	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	Proposed for List	Medium	2017	TMDL Needed (5A)
Big Arbor Vitae Lake	Big Arbor Vitae Lake	LAKE	128406	10008937	1545600	Vilas	1			1070.4	ACRES	Category 5C	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	Addition	Low	2017	TMDL Needed (5A)
Big Beaver Creek	Big Beaver Creek	RIVER	15689	10004348	2076200	Dunn	1	0	6.42	6.42	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Big Beaver Creek	Big Beaver Creek	RIVER	15690	10004349	2076200	Dunn	2	6.42	9.11	2.69	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Big Rib River	Big Rib River	RIVER	886912	10040432	1451800	Taylor	10	44.8	49.9	5.11	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	2017	Phosphorus Listed (5P)
Big Rib River	Big Rib River	RIVER	1443175	10040433	1451800	Taylor	11	49.9	55.1	5.22	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	2017	Phosphorus Listed (5P)
Big Roche A Cri Creek	Big Roche A Cri Creek	RIVER	12244	10001892	1374100	Adams	1	16.6	36.8	20.27	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	2017	TMDL Needed (5A)
Big Slough	Big Slough	RIVER	10731	10000762	174500	Columbia	1	0	10.4	10.41	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	2017	Phosphorus Listed (5P)
Big Trade Lake	Big Trade Lake	LAKE	16671	10005125	2638700	Burnett	1			327.31	ACRES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	Proposed for List	Low	2017	TMDL Needed (5A)
Bird Creek	Bird Creek	RIVER	11053	10000990	152300	Waushara	1	0	4.67	4.67	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	2017	TMDL Needed (5A)
Black Cr (Buck Creek)	Black Creek	RIVER	9960	10000201	88300	Kewaunee, Manitowoc	1	0	9.49	9.49	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	2017	Phosphorus Listed (5P)
Black Creek	Black Creek	RIVER	337848	10008453	317100	Outagamie	1	0	16	16	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	High	2017	TMDL Needed (5A)
Black Earth Creek	Black Earth Creek	RIVER	13474	10036240	1248600	Dane, Iowa	1	0	6.95	6.95	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Degraded Biological Community	Addition	Low	2017	TMDL Needed (5A)
Black Otter Creek	Black Otter Creek	RIVER	9788	6902216	315300	Outagamie	1	0	2.66	2.66	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	2017	Phosphorus Listed (5P)
Black Otter Creek	Black Otter Creek	RIVER	6902218	6902219	315300	Outagamie	2	3.66	6.96	3.3	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	2017	Phosphorus Listed (5P)
Black River	Black River	RIVER	14309	10003226	1676700	Jackson, Monroe	2	37	73.4	36.35	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	Low	2017	Phosphorus Listed (5P)
Black River	Black River	RIVER	14287	10026856	1676700	Jackson	3	73.4	86.9	13.54	MILES	Category 5B	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	Low	2017	Phosphorus Listed (5P)
Black River	Black River	RIVER	6897757	10040760	1676700	Clark	11	103	111	7.62	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Black River	Black River	RIVER	6777572	10039660	1676700	Clark	10	120	137	17.16	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Black River	Black River	RIVER	14308	10003225	1676700	Clark	7	137	145	8.28	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Black River, Hwy H To Rock Creek	Black River	RIVER	14105	10003080	1676700	Clark	5	111	120	8.97	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	Low	2017	Phosphorus Listed (5P)
Bluff Creek	Bluff Creek	RIVER	17454	10008208	2833200	Douglas	1	0	18.2	18.21	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Boot Lake	Boot Lake	LAKE	128416	10007549	1619100	Vilas	1			285.82	ACRES	Category 5C	04/01/2018	NPS	Unknown Pollutant	Eutrophication, Excess Algal Growth	Proposed for List	Low	2017	Natural Conditions (5C)
Brewery Creek	Brewery Creek	RIVER	13815	10002911	928600	Iowa	1	0	3.32	3.32	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Degraded Biological Community	Addition	Low	2017	TMDL Needed (5A)
Bronken Creek	Bronken Creek	RIVER	15746	10004387	2083300	Dunn	1	0	1.2	1.2	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Bronken Creek	Bronken Creek	RIVER	1457656	10023636	2083300	Dunn	2	1.2	6.85	5.65	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Brown Branch	Brown Br	RIVER	13773	10025706	915900	Lafayette	1	0	4.6	4.6	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Byron Creek	Campground Creek	RIVER	1452243	10023506	137400	Fond du Lac	3	0	1.66	1.66	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Addition	Low	2017	TMDL Needed (5A)
Byron Creek	Campground Creek	RIVER	10995	10000951	137400	Fond du Lac	2	1.67	7.26	5.59	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	High	2017	Phosphorus Listed (5P)
Calvin Creek	Calvin Creek	RIVER	18027	10006069	66900	Manitowoc	1	0	5.83	5.83	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Medium	2017	TMDL Needed (5A)
Casco Creek	Casco Creek	RIVER	10178	10000345	91600	Kewaunee	1	0	0.47	0.47	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	2017	Phosphorus Listed (5P)
Caves Creek	Caves Creek	RIVER	10718	10000751	166100	Marquette	1	0	12.1	12.1	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	2017	TMDL Needed (5A)
Cawley Creek	Cawley Creek	RIVER	14268	10003191	1750100	Clark	1	0	14.3	14.33	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Chaffee Creek	Chaffee Creek	RIVER	18181	10006186	155900	Marquette, Waushara	2	1.66	15.6	13.96	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	2017	TMDL Needed (5A)
Cisna Creek	Cisna Creek	RIVER	14227	10003161	1713400	Jackson	1	0	5.15	5.15	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Confirmed Year	Listing Detail
Clack Creek	Clack Creek	RIVER	18789	10006632	2066300	Dunn	1	0	3.34	3.34	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Clack Creek	Clack Creek	RIVER	1456011	10023593	2066300	Dunn	2	3.34	5.35	2.01	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Clam Lake, Lower	Lower Clam Lake	LAKE	18914	10006734	2655300	Burnett	1			366.47	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	2017	TMDL Needed (5A)
Clam River Flowage	Clam River Flowage	LAKE	16761	10005201	2654500	Burnett	1			411.94	ACRES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	2017	TMDL Needed (5A)
Coco Creek	Unnamed	RIVER	897130	10039400	772100	Waukesha	2	0.51	2.36	1.85	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Cold Springs Cr	Cold Spring Creek	RIVER	5534355	10033542	831900	Dodge	1	0	4.24	4.24	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Coon Lake	Coon Lake	LAKE	16686	10005137	2642000	Polk	1			42.23	ACRES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Correction Creek	Correction Creek	RIVER	14318	10003234	1765400	Taylor	1	0	7.18	7.18	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Medium	2017	TMDL Needed (5A)
Cranberry Creek	Cranberry Creek	RIVER	16344	10004857	2117000	Pepin, Dunn	1	0	14.5	14.46	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Creek 8-13b	Thunder Lake Inlet	RIVER	1517423	10025806	533700	Marinette	3	0	1.29	1.29	MILES	Category 5C	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	2017	Natural Conditions (5C)
Deer Creek	Deer Creek	RIVER	12414	10002011	1433400	Taylor	1	0	7.15	7.15	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	2017	TMDL Needed (5A)
Deer Lake (Three Lakes Chain)	Deer Lake	LAKE	128094	10007265	1612300	Oneida	1			188.19	ACRES	Category 5A	04/01/2018	Atm. Dep.	Mercury	Contaminated Fish Tissue	Proposed for List	Low	2017	Mercury Atm. Dep. (5B)
Deer Lake (Three Lakes Chain)	Deer Lake	LAKE	128094	10007265	1612300	Oneida	1			188.19	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	2017	TMDL Needed (5A)
Dell Creek	Dell Creek	RIVER	6897810	6897811	1295200	Juneau, Sauk	5	15.8	19.3	3.43	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Addition	Low	2017	TMDL Needed (5A)
Ditch #5 (N.Br. Tenmile Creek)	Ditch # 5	RIVER	12280	10001917	1384600	Portage	1	0	4.92	4.92	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	2017	TMDL Needed (5A)
Dog Lake (Three Lakes Chain)	Dog Lake	LAKE	128743	10007841	1612900	Oneida	1			201.71	ACRES	Category 5B	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Addition	High	2017	Phosphorus Listed (5P)
Dustin Creek	Dustin Creek	RIVER	14133	10023210	1694300	Monroe	1	0	3.68	3.68	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Eagle Lake (Eagle Chain)	Eagle Lake	LAKE	128460	10026531	1600200	Vilas	1			574.83	ACRES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Excess Algal Growth	Addition	High	2017	TMDL Needed (5A)
East Branch Fond Du Lac River	East Branch Fond Du Lac River	RIVER	3990279	10035880	135900	Fond du Lac	2	14.5	22.8	8.31	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	2017	TMDL Needed (5A)
East Branch of Little Black	East Branch Little Black River	RIVER	14319	10003235	1765900	Taylor	1	0	13.8	13.82	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
East Twin River	East Twin River	RIVER	18071	10006105	84000	Manitowoc	1	0	10.5	10.49	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	Medium	2017	Phosphorus Listed (5P)
East Twin River	East Twin River	RIVER	4700226	10030100	84000	Kewaunee, Manitowoc	4	10.5	26.4	15.91	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	2017	Phosphorus Listed (5P)
Eau Claire Lake, Upper	Upper Eau Claire Lake	LAKE	17095	10005480	2742700	Bayfield	1			1024.4	ACRES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
English Lake	English Lake	LAKE	9878	10000141	68100	Manitowoc	1			47.95	ACRES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	2017	Phosphorus Listed (5P)
Fall Creek	Fall Creek	RIVER	16342	10004856	2116700	Pepin, Dunn	1	0	8.24	8.24	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Fish Creek	Fish Creek	RIVER	3924909	10027788	44700	Ozaukee, Milwaukee	1	0	3.38	3.38	MILES	Category 5A	04/01/2018	NPS	Chloride	Chronic Aquatic Toxicity	Addition	Low	2017	TMDL Needed (5A)
German Creek	German Creek	RIVER	15820	10004440	2094900	Barron	1	0	7.23	7.23	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Goggle-Eye Creek	Goggle-Eye Creek	RIVER	16158	10026566	2148800	Clark	1	0	7.19	7.19	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Medium	2017	TMDL Needed (5A)
Hartman Creek	Hartman Creek	RIVER	10298	10000429	263000	Waupaca	1	0	1.61	1.61	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	2017	TMDL Needed (5A)
Hay Creek (T25N R6W)	Hay Creek	RIVER	16110	10024669	2131900	Eau Claire	1	0	7.07	7.07	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Addition	Low	2017	TMDL Needed (5A)
Hay Creek (T28n,R14w)	Hay Creek	RIVER	15668	10026180	2067000	Dunn	1	0	4.2	4.2	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Hayden Creek	Hayden Creek	RIVER	14228	10003162	1713600	Jackson	1	0	3.69	3.69	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Hidden Valley Lake	Hidden Valley Lake 1	LAKE	6861331	10040240	903450	Lafayette	1			22.39	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	2017	TMDL Needed (5A)
Honey Creek	Honey Creek	RIVER	10021	10008001	16300	Milwaukee	2	0	8.96	8.96	MILES	Category 5A	04/01/2018	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	2017	TMDL Needed (5A)
Honey Creek	Honey Creek	RIVER	6776684	10039601	751500	Walworth	3	12.2	17.8	5.64	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Hoods Creek	Hoods Creek	RIVER	10534	10000606	3100	Racine	1	0	9.7	9.7	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Horse Lake	Horse Lake	LAKE	16457	10004946	2616200	Polk	1			221.29	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	2017	TMDL Needed (5A)
Indian Creek	Indian Creek	RIVER	10005	10027434	19600	Milwaukee	1	0	2.63	2.63	MILES	Category 5A	04/01/2018	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	2017	TMDL Needed (5A)
Indian Creek	Indian Creek	RIVER	13316	10002603	1219700	Richland	1	0	3.85	3.85	MILES	Category 5C	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	2017	Natural Conditions (5C)
Jack Creek	Jack Creek	RIVER	14259	10008185	1748000	Clark	1	0	12.2	12.16	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Jambo Creek	Jambo Creek	RIVER	10146	10000318	84300	Kewaunee	3	8.1	10.1	2	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	2017	Phosphorus Listed (5P)
Jetzers Creek Tributary	Unnamed	RIVER	948890	10010397	62600	Sheboygan	1	0	3.53	3.53	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Kickapoo River	Kickapoo River	RIVER	6895701	10040704	1182400	Monroe	10	108	112	4.43	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Kickapoo River	Kickapoo River	RIVER	5782086	6903170	1182400	Monroe	8	112	119	7.14	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Killsnake River	Killsnake River	RIVER	18043	10006083	78200	Calumet	1	0	19.7	19.73	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Addition	Medium	2017	TMDL Needed (5A)
Kinnickinnic River	Kinnickinnic River	RIVER	3899425	10027436	15100	Milwaukee	3	5.49	9.93	4.44	MILES	Category 5A	04/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	2017	TMDL Needed (5A)
Klawitter Creek	Klawitter Creek	RIVER	10713	10000748	164900	Marquette	1	0	3.75	3.75	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	2017	Phosphorus Listed (5P)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Confirmed Year	Listing Detail
Lac Courte Oreilles	Lac Courte Oreilles	LAKE	15368	10004082	2390800	Sawyer	1			5139.5	ACRES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Low DO	Proposed for List	Low	2017	TMDL Needed (5A)
Lake Altoona	Altoona Lake	LAKE	16084	10004661	2128100	Eau Claire	1			719.87	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	Addition	Low	2017	TMDL Needed (5A)
Lake Lorraine	Lake Lorraine	LAKE	11774	10001543	777500	Walworth	1			63.27	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	Addition	Low	2017	TMDL Needed (5A)
Lake Montanis	Lake Montanis	LAKE	15975	10004574	2103200	Barron	1			211.68	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	2017	TMDL Needed (5A)
Lake Shangrila	Lake Shangrila	LAKE	10417	10000521	734700	Kenosha	1			73.93	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Medium	2017	TMDL Needed (5A)
Lakes Of The Pines (Pickerel)	Lake of the Pines	LAKE	14844	10026309	2275300	Sawyer	1			272.73	ACRES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Excess Algal Growth	Proposed for List	Low	2017	TMDL Needed (5A)
Laurel Lake (Three Lakes Chain)	Laurel Lake	LAKE	128175	10007332	1611800	Oneida	1			248.65	ACRES	Category 5A	04/01/2018	Atm. Dep.	Mercury	Contaminated Fish Tissue	Proposed for List	Low	2017	Mercury Atm. Dep. (5B)
Laurel Lake (Three Lakes Chain)	Laurel Lake	LAKE	128175	10007332	1611800	Oneida	1			248.65	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	2017	TMDL Needed (5A)
Leech Creek	Leech Creek	RIVER	12980	10038885	1271600	Sauk	2	4.42	7.82	3.4	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	2017	TMDL Needed (5A)
Little Beaver Creek	Little Beaver Creek	RIVER	15691	10008012	2076300	Dunn	1	0	6.97	6.97	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Little Black River	Little Black River	RIVER	14317	10003233	1765300	Taylor	1	0	7.55	7.55	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	2017	Phosphorus Listed (5P)
Little Creek	Little Creek	RIVER	10334	10000459	280700	Waupaca	1	0	5.89	5.89	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	High	2017	TMDL Needed (5A)
Little Door Creek	Little Door Creek	RIVER	11645	10026554	802900	Dane	1	0	5.93	5.93	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Little Fork Lake (Three Lakes Chain)	Little Fork Lake	LAKE	128181	10007338	1610600	Oneida	1			336.42	ACRES	Category 5B	04/01/2018	Atm. Dep.	Mercury	Contaminated Fish Tissue	Proposed for List	Low	2017	Mercury Atm. Dep. (5B)
Little Hoten Creek	Hoton Creek	RIVER	13100	10010367	1307000	Juneau	1	0	2.23	2.23	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	2017	Phosphorus Listed (5P)
Little Hoton Creek	Hoton Creek	RIVER	1442012	10023404	1307000	Juneau	2	2.23	3.93	1.7	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	2017	Phosphorus Listed (5P)
Little Otter Creek	Little Otter Creek	RIVER	18834	10006672	2147300	Clark, Chippewa	1	0	4.89	4.89	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Medium	2017	TMDL Needed (5A)
Little Turtle Creek	Little Turtle Creek	RIVER	1493752	10024899	791700	Rock, Walworth	4	1.03	7.34	6.31	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Local Water	Unnamed	RIVER	3996336	10028807	6300	Waukesha, Milwaukee	1	0	4.18	4.18	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Local Water	Unnamed	RIVER	5690388	10036118	125200	Brown, Outagamie	1	0	9.39	9.39	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Local Water	Unnamed	RIVER	5691675	10036152	132300	Winnebago	1	0	1.8	1.8	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	High	2017	TMDL Needed (5A)
Local Water	Unnamed	RIVER	5703959	10037003	806300	Dane	2	0	2.51	2.51	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Local Water	Unnamed	RIVER	5721815	10037526	1202100	Monroe	1	0	1.44	1.44	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Local Water	Unnamed	RIVER	5558351	10035220	2145000	Clark	1	0	6.68	6.68	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Local Water	Unnamed	RIVER	5558313	10035219	2145200	Clark	1	0	3.64	3.64	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Local Water	Unnamed	RIVER	3987930	10028285	3000042	Milwaukee	1	0	1.05	1.05	MILES	Category 5A	04/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity	Proposed for List	Low	2017	TMDL Needed (5A)
Local Water	Unnamed	RIVER	5534458	10033561	3000211	Kewaunee	1	0	3.38	3.38	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Medium	2017	TMDL Needed (5A)
Local Water	Unnamed	RIVER	5738017	10038140	5006245	Barron	1	0	0.45	0.45	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Local Water	Unnamed	RIVER	3992145	10028615	5026964	Fond du Lac	1	0	3.26	3.26	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Local Water	Unnamed	RIVER	5729011	10037770	5027792	Juneau	1	0	2.82	2.82	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Local Water	Unnamed	RIVER	5727989	10037706	5033787	Sauk	1	0	3.34	3.34	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Local Water	Unnamed	RIVER	5727823	10037701	5035112	Crawford	1	0	1.6	1.6	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Local Water	Unnamed	RIVER	5702430	10036940	5035724	Dane	1	0	4.98	4.98	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Lost Creek	Lost Creek	RIVER	16559	10005034	2627100	Polk	1	0	0.66	0.66	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Lost Lake	Lost Lake	LAKE	424519	10008658	1407000	Marathon	1			42.07	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	2017	TMDL Needed (5A)
Lotus Lake Outlet	Unnamed	RIVER	5476648	10030983	5006441	Polk	1	0	1.74	1.74	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Ludden Lake	Ludden Lake	IMPOUNDMENT	310696	10008359	930700	Iowa	1			56.28	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Medium	2017	TMDL Needed (5A)
Ludowissi L Br To Sauk Creek	Unnamed	RIVER	894870	10008989	49700	Ozaukee	1	0	4.81	4.81	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Mack (Brown. Spring) Creek	Mack Creek	RIVER	10312	10000441	267300	Portage	1	0	1.96	1.96	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Marsh Creek	Marsh Creek	RIVER	13346	10002623	1252900	Dane	3	1	4	3	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Mckenzie Creek	McKenzie Creek	RIVER	14289	10003208	1756900	Taylor	1	0	16.7	16.74	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Meadow Brook Creek	Unnamed	RIVER	3991922	10028606	772300	Waukesha	1	0	3.14	3.14	MILES	Category 5A	04/01/2018	NPS	Chloride	Chronic Aquatic Toxicity	Proposed for List	Low	2017	TMDL Needed (5A)
Medicine Lake (Three Lakes Chain)	Medicine Lake	LAKE	128218	10007372	1611700	Oneida	1			395.87	ACRES	Category 5C	04/01/2018	Atm. Dep.	Mercury	Contaminated Fish Tissue	Addition	Low	2017	Mercury Atm. Dep. (5B)
Menomonee River	Menomonee River	RIVER	426506	10008754	16000	Milwaukee	2	0	2.67	2.67	MILES	Category 5A	04/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	2017	TMDL Needed (5A)
Menomonee River	Menomonee River	RIVER	10017	10026421	16000	Milwaukee	1	2.66	6.27	3.61	MILES	Category 5A	04/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	2017	TMDL Needed (5A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Confirmed Year	Listing Detail
Menomonee River	Menomonee River	RIVER	3884139	6876525	16000	Washington, Waukesha, Milwaukee	3	6.27	24.8	18.54	MILES	Category 5A	04/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	2017	TMDL Needed (5A)
Menonminee R -Wi-Il Bd	Menominee River	RIVER	13853	10038783	941700	Grant	1	5.55	10.4	4.85	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	2017	Phosphorus Listed (5P)
Messenger Creek	Messenger Creek	RIVER	18265	10006251	518400	Oconto	1	3.57	7.34	3.77	MILES	Category 5C	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	2017	Natural Conditions (5C)
Milun Creek	Milum Creek	RIVER	13660	10002827	886300	Dane	1	0	2.44	2.44	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	2017	Phosphorus Listed (5P)
Mink Creek	Mink Creek	RIVER	12498	10002072	1463300	Taylor	1	0	5.78	5.78	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	2017	Phosphorus Listed (5P)
Mirror Lake	Mirror Lake	LAKE	13548	10002739	1296000	Sauk	1			139.03	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	2017	Phosphorus Listed (5P)
Mosher Creek	Mosher Creek	RIVER	18156	10006171	133500	Fond du Lac	2	0	3	3	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Addition	High	2017	TMDL Needed (5A)
Mounds Branch	Mounds Br	RIVER	13899	6902844	947100	Grant, Lafayette	1	0	4.45	4.45	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Mud Creek (Left, Hills) T18n, R21e, S12	Mud Creek	RIVER	9888	10000148	73600	Manitowoc	1	0	9.26	9.26	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	Low	2017	Phosphorus Listed (5P)
Mud Lake	Mud Lake	LAKE	9835	10000112	326000	Shawano	1			34.84	ACRES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	2017	Phosphorus Listed (5P)
Mud Lake	Mud Lake	LAKE	18222	10006218	830800	Jefferson	1			83.52	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	2017	TMDL Needed (5A)
Mud Lake	Mud Lake	LAKE	13491	10002703	1006500	Dane	1			51.26	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Murphys Creek	Murphys Creek	RIVER	11663	10001453	803900	Dane	1	0	4.69	4.69	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Newton Creek	Newton Creek	RIVER	305141	10008328	2843650	Douglas	1	0	1.76	1.76	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Degraded Biological Community	Addition	Low	2017	TMDL Needed (5A)
Nichols Creek (N. B. Milw R)	North Branch Milwaukee River	RIVER	10070	10008045	27100	Sheboygan	2	23.5	27.8	4.32	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	2017	TMDL Needed (5A)
North Branch Oak Creek	Unnamed	RIVER	9967	10008046	14900	Milwaukee	2	0	5.7	5.7	MILES	Category 5A	04/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Proposed for List	Low	2017	TMDL Needed (5A)
North Branch Pigeon River	North Branch Pigeon River	RIVER	9714	10026240	293900	Waupaca	1	0	5.34	5.34	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Degraded Biological Community, Elevated Water Temperature	Proposed for List	Low	2017	TMDL Needed (5A)
North Branch Pike River	North Branch Pike River	RIVER	425919	10025723	1900	Racine	2	5.23	7.87	2.64	MILES	Category 5A	04/01/2018	NPS	Chloride	Chronic Aquatic Toxicity	Proposed for List	Low	2017	TMDL Needed (5A)
North Fork Eau Claire	North Fork Eau Claire River	RIVER	16146	6923087	2145400	Eau Claire	1	0	10.5	10.49	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
North Fork Eau Claire	North Fork Eau Claire River	RIVER	6923349	10042216	2145400	Clark, Eau Claire	4	10.5	22.5	11.99	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
North Fork Eau Claire River	North Fork Eau Claire River	RIVER	6923457	10042217	2145400		5	22.5	53.9	31.43	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	2017	Phosphorus Listed (5P)
North Fork Willow River	Willow River	RIVER	16413	10038948	2606900	Saint Croix	10	32.5	40.6	8.12	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Norwegian Creek	Norwegian Creek	RIVER	16144	10004703	2144500	Clark	1	0	7.52	7.52	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Noyes Creek	Unnamed	RIVER	3988299	10028301	17700	Milwaukee	1	0	3.54	3.54	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	2017	TMDL Needed (5A)
Otter Creek	Otter Creek	RIVER	1456596	10023604	2068700	Dunn	2	0	6.97	6.97	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Otter Creek	Otter Creek	RIVER	15686	10004346	2068700	Dunn	1	6.97	12.9	5.89	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Otter Creek	Otter Creek	RIVER	16196	6923579	2156800	Chippewa	1	0	7.06	7.06	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Otter Creek	Otter Creek	RIVER	6923581	6923582	2156800	Taylor, Chippewa	2	9.83	18.5	8.62	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Paukotuk-Candlish Creek	Unnamed	RIVER	5691806	10036155	132200	Winnebago	1	0	7.92	7.92	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	2017	Phosphorus Listed (5P)
Pewaukee River	Pewaukee River	RIVER	10510	10000600	771700	Waukesha	1	0	6.43	6.43	MILES	Category 5A	04/01/2018	NPS	Chloride	Chronic Aquatic Toxicity	Addition	Low	2017	TMDL Needed (5A)
Pine Creek	Pine Creek	RIVER	14293	10003212	1758900	Taylor	1	0	20	20	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Pine Lake	Pine Lake	LAKE	891377	10008933	2949200	Iron	1			299.61	ACRES	Category 5A	04/01/2018	Atm. Dep.	Mercury	Contaminated Fish Tissue	Proposed for List	Low	2017	Mercury Atm. Dep. (5B)
Plum Creek	Plum Creek	RIVER	15591	10004272	2051300	Pepin	1	0	7.23	7.23	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Pokegema River	Pokegama River	RIVER	17467	10008212	2844000	Douglas	2	0	25.7	25.74	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Poplar River (Creek)	Poplar Creek	RIVER	10511	10000601	772800	Waukesha	1	0	3.64	3.64	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	Medium	2017	Phosphorus Listed (5P)
Porcupine Creek	Porcupine Creek	RIVER	15593	10004273	2051500	Pierce, Pepin	1	0	9.3	9.3	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Puff Creek	Puff Creek	RIVER	12236	10001890	1371500	Wood	1	0	7.72	7.72	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	High	2017	TMDL Needed (5A)
Quarter Creek	Quarter Creek	RIVER	15697	10004352	2077200	Dunn	1	0	3.27	3.27	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Rice Lake (Lower Whitewater)	Rice Lake	LAKE	11783	10001551	816600	Walworth	1			144.07	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	2017	TMDL Needed (5A)
Rock Creek	Rock Creek	RIVER	6777615	10039661	830100	Jefferson	4	2.21	3.14	0.93	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Rock River, West Branch	West Branch Rock River	RIVER	11566	10001387	861300	Dodge, Fond du Lac	1	50	87.6	37.63	MILES	Category 4A	04/01/2018	PS/NPS	Unknown Pollutant	Elevated Water Temperature	Addition	Low	2017	TMDL Needed (5A)
Rocky Run	Rocky Run	RIVER	16143	10004702	2144100	Clark	1	0	7.97	7.97	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Roger Creek	Roger Creek	RIVER	16152	10004706	2146600	Clark, Chippewa	1	0	8.97	8.97	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Ross Crossing Creek	Ross Crossing Creek	RIVER	13632	10002805	885600	Green	1	0	5.2	5.2	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	2017	Phosphorus Listed (5P)
Round Lake (Three Lakes Chain)	Round Lake	LAKE	128272	10007418	1610400	Oneida	1			151.25	ACRES	Category 5B	04/01/2018	Atm. Dep.	Mercury	Contaminated Fish Tissue	Proposed for List	Low	2017	Mercury Atm. Dep. (5B)
Rush Creek	Rush Creek	RIVER	18790	10006633	2066900	Dunn	1	0	5.2	5.2	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Ryan Creek	Ryan Creek	RIVER	5719503	10037315	5100	Milwaukee	1	0	6.86	6.86	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Scattering Rice Lake	Scattering Rice Lake	LAKE	128607	10007713	1600300	Vilas	1			263.28	ACRES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	Proposed for List	High	2017	TMDL Needed (5A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Confirmed Year	Listing Detail
School Creek	School Creek	RIVER	10184	10000350	92200	Brown, Kewaunee	1	0	5.6	5.6	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Medium	2017	TMDL Needed (5A)
Sevenmile Creek	Sevenmile Creek	RIVER	10994	10026719	136800	Fond du Lac	1	0	11	10.99	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Addition	High	2017	TMDL Needed (5A)
Silver Creek	Silver Creek	RIVER	11028	10038624	146800	Green Lake, Fond du Lac	1	0.97	12.4	11.44	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Addition	High	2017	Phosphorus Listed (5P)
Silver Creek	Silver Creek	RIVER	11457	10001292	847600	Dodge	1	0	5.26	5.26	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Silver Creek(Havel Creek)	Silver Creek	RIVER	10212	10026815	94900	Kewaunee	2	1.5	7	5.5	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	2017	Phosphorus Listed (5P)
Slim Creek	Slim Creek	RIVER	15998	10026767	2108400	Washburn	1	0	3	3	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
South Branch Creek	Unnamed	RIVER	3899370	10027435	3000073	Milwaukee	1	0	2.36	2.36	MILES	Category 5A	04/01/2018	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	2017	TMDL Needed (5A)
South Branch Of Underwood Creek	Unnamed	RIVER	10028	10000236	16800	Waukesha, Milwaukee	1	0	1.11	1.11	MILES	Category 5A	04/01/2018	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	2017	TMDL Needed (5A)
South Branch Tenmile Creek	South Branch Tenmile Creek	RIVER	1489448	10024813	1383200	Portage	3	6.94	11.2	4.24	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	2017	TMDL Needed (5A)
South Branch Trade River	South Branch Trade River	RIVER	16684	10005135	2641600	Polk	1	0	2.52	2.52	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
South Fork Hay River	South Fork Hay River	RIVER	1454817	10023560	2070100	Dunn	6	0	7.08	7.08	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
South Fork Thunder River	South Fork Thunder River	RIVER	18284	10026638	538400	Oconto, Marinette	1	0	4.36	4.36	MILES	Category 5A	04/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity	Proposed for List	Low	2017	TMDL Needed (5A)
South Fork Willow River	South Fork Willow River	RIVER	16414	10004908	2609200	Saint Croix	1	0	5.3	5.3	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Spirit Lake (Three Lakes Chain)	Spirit Lake	LAKE	128297	10007441	1612000	Oneida	1			347.76	ACRES	Category 5B	04/01/2018	Atm. Dep.	Mercury	Contaminated Fish Tissue	Proposed for List	Low	2017	Mercury Atm. Dep. (5B)
Spring (Dorn) Creek	Dorn Creek	RIVER	11693	10001478	805600	Dane	1	0	1	1	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Spring Brook T02n R14e S27	Spring Brook	RIVER	11615	10001420	791300	Rock	1	0	2	2	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Spring Creek	Spring Creek	RIVER	11094	10026432	172400	Columbia	1	0	5.32	5.32	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	2017	Phosphorus Listed (5P)
Staples Lake	Staples Lake	LAKE	16580	10005053	2631200	Polk, Barron	1			339.57	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	2017	TMDL Needed (5A)
Stony Creek	Stony Creek	RIVER	10220	10000378	96100	Door	2	8.27	16	7.75	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	2017	Phosphorus Listed (5P)
Swan Creek	Swan Creek	RIVER	11662	10025684	803800	Dane	1	0	4.44	4.44	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Tagatz Creek	Tagatz Creek	RIVER	10716	10010020	165800	Marquette	2	1.52	15	13.47	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	2017	TMDL Needed (5A)
Ten Mile Creek	Tenmile Creek	RIVER	1467873	10024479	2607900	Saint Croix	3	4.54	7.59	3.05	MILES	Category 5C	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	2017	Natural Conditions (5C)
Tess Corners Creek	Unnamed	RIVER	9965	10008084	6200	Waukesha, Milwaukee	-9	0	7.3	7.3	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Thiel Creek	Thiel Creek	RIVER	10332	10000457	280100	Waupaca	1	0	6.7	6.7	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	2017	TMDL Needed (5A)
Trade Lake, Little	Little Trade Lake	LAKE	16674	10005128	2639300	Burnett	1			125.89	ACRES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Eutrophication, Excess Algal Growth	Proposed for List	Low	2017	TMDL Needed (5A)
Trappers Creek	Trappers Creek	RIVER	14292	10003211	1758400	Clark, Taylor	1	0	14.5	14.54	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Trego Lake	Trego Lake	LAKE	17332	10005676	2712000	Washburn	1			383.26	ACRES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Excess Algal Growth	Proposed for List	Low	2017	TMDL Needed (5A)
Trempealeau River	Trempealeau River	RIVER	361924	10038903	1769900	Trempealeau	2	31.3	61.3	30.04	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Trempealeau River	Trempealeau River	RIVER	361967	10008536	1769900	Jackson, Trempealeau	3	62	69.9	7.87	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Trempealeau River	Trempealeau River	RIVER	362004	10026444	1769900	Jackson	4	69.9	81.5	11.66	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Tributary to Rock River	Unnamed	RIVER	1517805	10025177	870500	Fond du Lac	2	0	1.63	1.63	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Trout Creek	Trout Creek	RIVER	6898359	6898360	515900	Marinette	2	0	3.65	3.65	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Turner Lake (Pike Lake Chain)	Turner Lake	LAKE	14814	10003622	2268500	Price, Vilas	1			158.56	ACRES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Turtle Creek	Turtle Creek	RIVER	1480471	10024635	790300	Rock, Walworth	4	0.95	24.8	23.82	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Turtle Lake, South	South Turtle Lake	LAKE	15009	10003781	2310200	Vilas	1			466.19	ACRES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Excess Algal Growth	Addition	Low	2017	TMDL Needed (5A)
Turton Creek (American Valley Creek)	Turton Creek	RIVER	5688435	10036044	1777100	Trempealeau	4	0	2.87	2.87	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	2017	TMDL Needed (5A)
Twin Falls Flowage	Twin Falls Flowage	LAKE	127710	10026672	701900	Florence	1			569.65	ACRES	Category 5B	04/01/2018	Atm. Dep.	Mercury	Contaminated Fish Tissue	Proposed for List	Low	2017	Mercury Atm. Dep. (5B)
Twin Lakes	Twin Lakes	LAKE	128617	10007721	1623700	Vilas	1			627.73	ACRES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	2017	Phosphorus Listed (5P)
Un Creek (T13n R 19e Nw Ne 06)	Unnamed	RIVER	10128	10000303	43500	Fond du Lac	1	0	10.9	10.9	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	2017	Phosphorus Listed (5P)
Un. Creek (Brown Deer Creek)(T08n R22e Sw Nw 07)	Unnamed	RIVER	10007	10000219	19700	Milwaukee	1	0	2.3	2.3	MILES	Category 5A	04/01/2018	NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Proposed for List	Low	2017	TMDL Needed (5A)
Underwood Creek	Underwood Creek	RIVER	10026	10008091	16700	Milwaukee	1	0	2.84	2.84	MILES	Category 5A	04/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	2017	TMDL Needed (5A)
Underwood Creek	Underwood Creek	RIVER	10027	10008092	16700	Waukesha, Milwaukee	2	2.84	8.54	5.7	MILES	Category 5A	04/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	2017	TMDL Needed (5A)
Underwood Creek	Underwood Creek	RIVER	10027	10008092	16700	Waukesha, Milwaukee	2	2.84	8.54	5.7	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	High	2017	Phosphorus Listed (5P)
Unnamed	Unnamed	RIVER	5719859	10037326	3385	Racine, Milwaukee	1	0	2.92	2.92	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	2017	Phosphorus Listed (5P)
Unnamed	Unnamed	RIVER	1524934	10025373	326100	Shawano	1	0	5.33	5.33	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	2017	Phosphorus Listed (5P)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Confirmed Year	Listing Detail
Unnamed (Brothertown) Creek	Unnamed	RIVER	5728467	10037740	132100	Calumet	1	0	3.75	3.75	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	2017	Phosphorus Listed (5P)
Unnamed Creek	Unnamed	RIVER	5746464	10038320	131130	Calumet	1	0	1.89	1.89	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	2017	TMDL Needed (5A)
Unnamed Creek	Unnamed	RIVER	5533601	10033421	1371200	Wood	3	5	7.91	2.91	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	2017	TMDL Needed (5A)
Unnamed Creek Trib To Upper Mud Lake	Unnamed	RIVER	305082	10036740	804100	Dane	1	0	5.65	5.65	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Low	2017	Phosphorus Listed (5P)
Unnamed Ditch to Lk Michigan	Unnamed	RIVER	5536074	10034060	3000624	Marinette	1	0	3.53	3.53	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Unnamed Stream	Keenans Creek	RIVER	5513171	10032924	803500	Dane	2	2	4.1	2.1	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Unnamed Stream	Unnamed	RIVER	5512970	10032905	801500	Dane	1	0	3.71	3.71	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Unnamed Stream	Unnamed	RIVER	5513101	10032918	802400	Dane	1	0	5.33	5.33	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Unnamed Stream	Unnamed	RIVER	5500585	10031701	3000213	Kewaunee	1	0	0.38	0.38	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Addition	Medium	2017	TMDL Needed (5A)
Unnamed Trib T22n, R22e, S03 Sesw	Unnamed	RIVER	10134	10000308	89500	Brown	1	0	9.01	9.01	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	2017	TMDL Needed (5A)
Unnamed Trib to Fischer River	Unnamed	RIVER	6863003	10040380	2182400	Taylor, Chippewa	1	1.7	5.46	3.76	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Unnamed Trib to Fourmile Creek	Unnamed	RIVER	6853227	10039796	64800	Sheboygan	1	0	1.52	1.52	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	2017	Phosphorus Listed (5P)
Unnamed Trib to Lake Kegonsa	Unnamed	RIVER	6860960	10040200	803300	Dane	1	0	3.01	3.01	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Unnamed Trib to Lake Michigan	Unnamed	RIVER	5476532	10030962	498000	Marinette	1	0	6.04	6.04	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Unnamed Trib to Lotus Lake	Unnamed	RIVER	5477038	10031020	5006441	Polk	2	2.46	4.74	2.28	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Unnamed Trib to Mineral Point Br at Survey Rd	Unnamed	RIVER	3991126	10028527	931000	Iowa	1	0	3.92	3.92	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Unnamed Trib to Peshtigo River	Unnamed	RIVER	6776865	10039607	515600	Marinette	1	0	0.53	0.53	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Unnamed Trib to Peshtigo River	Unnamed	RIVER	6776931	10039621	5008359	Marinette	1	0.45	2.21	1.76	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Unnamed Trib to Peshtigo River	Unnamed	RIVER	6776774	10039604	5008538	Marinette	1	0	0.63	0.63	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Unnamed Trib to Pigeon River	Unnamed	RIVER	6775097	10039421	5015231	Waupaca	1	0	1.8	1.8	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	2017	Phosphorus Listed (5P)
Unnamed Trib to Pigeon River	Unnamed	RIVER	6852789	10039782	5016138	Waupaca	1	0	1.85	1.85	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	High	2017	TMDL Needed (5A)
Unnamed Trib to S Br Pigeon River	Unnamed	RIVER	6777222	10039630	295800	Waupaca	1	0	0.72	0.72	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	2017	TMDL Needed (5A)
Unnamed Trib to Spring Creek	Unnamed	RIVER	5477277	10031047	5033250	Dane, Columbia	1	0	3.78	3.78	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	2017	Phosphorus Listed (5P)
Unnamed Trib to Token Creek	Unnamed	RIVER	6876076	10040485	5033839	Dane	2	0	0.64	0.64	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Unnamed Trib to W Br Root River Canal	Unnamed	RIVER	6853289	10039798	4840	Racine	1	0	3.9	3.9	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	2017	Phosphorus Listed (5P)
Unnamed Trib to Yahara R	Unnamed	RIVER	5536735	10034119	5033743	Dane	1	0	1.14	1.14	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Unnamed Trib to Yellow River	Unnamed	RIVER	5533738	10033426	1374000	Clark	1	0	0.84	0.84	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	High	2017	TMDL Needed (5A)
Unnamed Trib. to Unnamed Creek	Unnamed	RIVER	5513721	10033005	5030146	Washington	1	0	1.83	1.83	MILES	Category 5B	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	2017	Phosphorus Listed (5P)
Unnamed W Trib to Schoenick Cr	Unnamed	RIVER	3997977	10028970	321400	Shawano	1	0	1.17	1.17	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Upper Pine Creek	Upper Pine Creek	RIVER	15766	10004397	2087300	Barron	2	12.8	18.3	5.48	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Upper Turtle Lake	Upper Turtle Lake	LAKE	15711	10004364	2079800	Barron	1			427.02	ACRES	Category 5A	04/01/2018	NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	Addition	Low	2017	TMDL Needed (5A)
Vance Creek	Vance Creek	RIVER	15695	10004350	2077100	Dunn	1	0	3.16	3.16	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Vance Creek	Vance Creek	RIVER	1515495	10025110	2077100	Barron	4	3.16	4.96	1.8	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Vermillion Creek & Spring	Unnamed	RIVER	1452285	10023507	2098700	Barron	1	0	1.53	1.53	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Vermont Creek	Vermont Creek	RIVER	13482	10026086	1249200	Dane	1	0	3.46	3.46	MILES	Category 5A	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Addition	Low	2017	Phosphorus Listed (5P)
Vermont Creek	Vermont Creek	RIVER	13483	10002697	1249200	Dane	2	3.43	9.56	6.13	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	2017	TMDL Needed (5A)
West Br Blue Mounds Creek	West Branch Blue Mounds Creek	RIVER	13434	10010266	1250400	Iowa	1	0	7.7	7.7	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
West Branch Little Black	West Branch Little Black River	RIVER	14320	10003236	1766200	Taylor	1	0	13	12.96	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
West Branch Sugar River	West Branch Sugar River	RIVER	13659	10002826	886100	Dane	2	7.65	18.8	11.17	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
West Thunder Creek	West Thunder Creek	RIVER	11928	10001668	538100	Oconto	1	0	1.42	1.42	MILES	Category 5C	04/01/2018	NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	2017	Natural Conditions (5C)
Weyers Lake	Weyers Lake	LAKE	9859	10000122	49400	Manitowoc	1			5.61	ACRES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	2017	Phosphorus Listed (5P)
Whiteside Creek	Whiteside Creek	RIVER	13691	10002844	899700	Lafayette	1	0	1.55	1.55	MILES	Category 5A	04/01/2018	NPS	Unknown Pollutant	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Willow Creek	Willow Creek	RIVER	6902972	6902973	243700	Waushara	5	13.2	14.2	0.95	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	2017	TMDL Needed (5A)
Willow Creek	Willow Creek	RIVER	10769	10000792	243700	Waushara	2	14.2	30.4	16.25	MILES	Category 5A	04/01/2018	PS/NPS	Unknown Pollutant	Elevated Water Temperature	Proposed for List	Low	2017	TMDL Needed (5A)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID 305B	WBIC	Counties	Seg.	Start Mile	End Mile	Size	Units	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	TMDL Priority	Confirmed Year	Listing Detail
Willow Creek	Willow Creek	RIVER	11581	10001399	871500	Fond du Lac	1	0	6.84	6.84	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Low	2017	Phosphorus Listed (5P)
Wilson Park Creek	Wilson Park Creek	RIVER	9975	10000203	15200	Milwaukee	1	0	3.5	3.5	MILES	Category 5A	04/01/2018	PS/NPS	Chloride	Chronic Aquatic Toxicity, Acute Aquatic Toxicity	Addition	Low	2017	TMDL Needed (5A)
Wilson Park Creek	Wilson Park Creek	RIVER	9975	10000203	15200	Milwaukee	1	0	3.5	3.5	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Addition	High	2017	Phosphorus Listed (5P)
Winnebago County Community Swim Area	Unnamed	INLAND BEACH	6878159	10040617	5556614	Winnebago	2			0.39	MILES	Category 5A	04/01/2018	NPS	E. coli	Recreational Restrictions - Pathogens	Proposed for List	Low	2017	TMDL Needed (5A)
Wolf River	Wolf River	RIVER	16149	10004705	2146000	Clark, Eau Claire, Chippewa	1	0	6.58	6.58	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Proposed for List	Low	2017	TMDL Needed (5A)
Wolf River	Wolf River	RIVER	889163	10040423	2146000	Clark, Chippewa	3	6.58	15.6	9.05	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Addition	Medium	2017	TMDL Needed (5A)
Wolf River	Wolf River	RIVER	5696892	10036260	2146000	Clark, Taylor, Chippewa	4	16.1	31.3	15.17	MILES	Category 5P	04/01/2018	PS/NPS	Total Phosphorus	Impairment Unknown	Proposed for List	Medium	2017	Phosphorus Listed (5P)
Yellow River-E. Branch	East Branch Yellow River	RIVER	12239	10028268	1373200	Marathon, Wood	1	0	8.78	8.78	MILES	Category 5P	04/01/2018	NPS	Total Phosphorus	Impairment Unknown	Proposed for List	High	2017	Phosphorus Listed (5P)
Yellowstone River	Yellowstone River	RIVER	13712	10035461	902500	Lafayette	2	12.8	13.5	0.7	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Low	2017	TMDL Needed (5A)
Yellowstone River	Yellowstone River	RIVER	18552	10006454	902500	Lafayette, Iowa	4	17.5	25	7.5	MILES	Category 5A	04/01/2018	PS/NPS	Total Phosphorus	Degraded Biological Community	Proposed for List	Medium	2017	TMDL Needed (5A)

2018 Delistings & Deletions

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID305B	WBIC	Seg.	Counties	Start Mile	End Mile	Size	Unit	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	Listing Detail
Bark River	Bark River	RIVER	310752	10008361	813500	2	Waukesha	35	41	6	MILES	Category 2	04/01/1998	PS/NPS	Total Phosphorus	Low DO	Delist	WQS attained - restoration (2)
BB Clark Beach, Monona Lake	Lake Monona	INLAND BEACH	1527131	10026389	804600	9	Dane			0.37	MILES	Category 2	04/01/2014	NPS	E. coli	Recreational Restrictions - Pathogens	Delist	WQS attained - recovery unspecified (2)
Big Arbor Vitae Lake	Big Arbor Vitae Lake	LAKE	128406	10008937	1545600	1	Vilas			1070.36	ACRES	Category 5C	04/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	Deletion	WQS attained - new assessment method (2)
Big Mckenzie Lake	McKenzie Lake	LAKE	17196	10005563	2706800	1	Burnett, Washburn			1128.97	ACRES	Category 2	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	Delist	WQS attained - recovery unspecified (2)
Big Sand Lake	Big Sand Lake	LAKE	128410	10007544	1602600	1	Vilas			1427.49	ACRES	Category 2	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	Delist	WQS attained - change in WQS (2)
Black Earth Creek	Black Earth Creek	RIVER	13474	10036240	1248600	1	Dane, Iowa	0	6.95	6.95	MILES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	Deletion	WQS attained - recovery unspecified (2)
Black Earth Creek	Black Earth Creek	RIVER	13475	10002690	1248600	2	Dane	11.08	16.83	5.75	MILES	Category 2	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community, Elevated Water Temperature	Delist	WQS attained - recovery unspecified (2)
Blue Harbor Beach, Lake Michigan	Lake Michigan	GREAT LAKES BEACH	3899491	10027442	20	90	Sheboygan			0.14	MILES	Category 2	04/01/2016	PS/NPS	E. coli	Recreational Restrictions - Pathogens	Delist	WQS attained - recovery unspecified (2)
Chain Lake (Sugar Camp Chain)	Chain Lake	LAKE	128069	10026428	1598000	1	Oneida			200.92	ACRES	Category 2	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Delist	WQS attained - change in WQS (2)
Chequamegon Flowage	Chequamegon Waters Flowage	IMPOUNDMENT	16206	10004746	2160700	1	Taylor			2366.31	ACRES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	Deletion	WQS attained - recovery unspecified (2)
Clara Lake	Lake Clara	LAKE	128737	10026158	994700	1	Lincoln			83.57	ACRES	Category 2	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	Delist	WQS attained - recovery unspecified (2)
Druid Lake	Druid Lake	LAKE	18223	10006219	855200	1	Washington			122.4	ACRES	Category 2	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	Delist	WQS attained - recovery unspecified (2)
Eagle Lake (Eagle Chain)	Eagle Lake	LAKE	128460	10026531	1600200	1	Vilas			574.83	ACRES	Category 5A	04/01/2014	NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	Deletion	WQS attained - change in WQS (2)
Fond Du Lac River	Fond Du Lac River	RIVER	10989	10000946	133700	1	Fond du Lac	0	1.56	1.56	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	Deletion	WQS attained - recovery unspecified (2)
Johnson Lake	Johnson Lake	LAKE	16866	10005289	2471600	1	Burnett			398.88	ACRES	Category 2	04/01/1998	Contam. Sed.	Mercury	Contaminated Fish Tissue	Delist	WQS attained - recovery unspecified (2)
Kohler Andrae Beach, Lake Michigan	Lake Michigan	GREAT LAKES BEACH	1452754	10023514	20	24	Sheboygan			3.71	MILES	Category 2	04/01/2006	Unknown	E. coli	Recreational Restrictions - Pathogens	Delist	WQS attained - recovery unspecified (2)
Kummel Creek	Kiefer Creek	RIVER	358204	10008500	863500	3	Dodge, Fond du Lac	11.54	14	2.46	MILES	Category 4A	04/01/2006	PS/NPS	Total Phosphorus	Low DO	Deletion	WQS attained - recovery unspecified (2)
Lake Altoona	Altoona Lake	LAKE	16084	10004661	2128100	1	Eau Claire			719.87	ACRES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	Deletion	WQS attained - new assessment method (2)
Lake Butte Des Morts	Lake Butte des Morts	LAKE	11004	10000955	139900	1	Winnebago			8569.14	ACRES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	Deletion	WQS attained - recovery unspecified (2)
Lake Lorraine	Lake Lorraine	LAKE	11774	10001543	777500	1	Walworth			63.27	ACRES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	Deletion	WQS attained - new assessment method (2)
Lake Winnebago	Lake Winnebago	LAKE	358400	10026871	131100	1	Calumet, Winnebago, Fond du Lac			131941.6	ACRES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	Deletion	WQS attained - recovery unspecified (2)
Little Arbor Vitae Lake	Little Arbor Vitae Lake	LAKE	128524	10007641	1545300	1	Vilas			479.9	ACRES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Eutrophication	Deletion	WQS attained - new assessment method (2)
Little Muskego Lake	Little Muskego Lake	LAKE	18103	10006132	762700	1	Waukesha			469.76	ACRES	Category 2	04/01/1998	NPS	Total Phosphorus	Low DO	Delist	WQS attained - recovery unspecified (2)
Long Trade Lake	Long Trade Lake	LAKE	16678	10005131	2640500	1	Polk			150.49	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Eutrophication	Deletion	WQS attained - new assessment method (2)
Lyons Park Creek	Unnamed	RIVER	9982	10000210	15950	1		0	1.5	1.5	MILES	Category 3	04/01/2010	Other	Fecal Coliform	Recreational Restrictions - Pathogens	Delist	WQS attained - original listing incorrect (2)
Memorial Drive Wayside Beach, Lake Michigan	Lake Michigan	GREAT LAKES BEACH	481945	10008810	20	9	Manitowoc			3.24	MILES	Category 2	04/01/1998	Other	E. coli	Recreational Restrictions - Pathogens	Delist	WQS attained - recovery unspecified (2)
Menomonee River	Menomonee River	RIVER	6876527	6876528	16000	4	Washington	24.81	30.14	5.33	MILES	Category 2	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	Delist	WQS attained - water no longer threatened (2)
Moose Lake	Moose Lake	LAKE	11147	10001061	337600	1	Langlade			113.12	ACRES	Category 2	04/01/2016	PS/NPS	Total Phosphorus	Impairment Unknown	Delist	WQS attained - change in WQS (2)
Namekagon Lake	Namekagon Lake	LAKE	17437	10005758	2732600	1	Bayfield			2723.56	ACRES	Category 2	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	Delist	WQS attained - change in WQS (2)
Noquebay Lake	Lake Noquebay	LAKE	11872	10001625	525900	1	Marinette			2397.89	ACRES	Category 2	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	Delist	WQS attained - recovery unspecified (2)
Pickerel Lake	Pickerel Lake	LAKE	128257	10007405	1590400	1	Oneida			580.71	ACRES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	Deletion	WQS attained - recovery unspecified (2)
Pigeon Lake	Pigeon Lake	LAKE	18022	10006066	64000	1	Manitowoc			79.69	ACRES	Category 2	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	Delist	WQS attained - recovery unspecified (2)
Poskin Lake	Poskin Lake	LAKE	15866	10004479	2098000	1	Barron			153.51	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Eutrophication	Deletion	WQS attained - new assessment method (2)
Poygan Lake	Lake Poygan	LAKE	18137	10006159	242800	1	Waushara, Winnebago			14024.4	ACRES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	Deletion	WQS attained - recovery unspecified (2)
Redstone Lake	Lake Redstone	LAKE	13542	10002733	1280400	1	Sauk			604.55	ACRES	Category 5A	04/01/2016	PS/NPS	Unknown Pollutant	Eutrophication	Deletion	WQS attained - new assessment method (2)
Round Lake T37n R18w S27	Round Lake	LAKE	16676	10005130	2640100	1	Burnett			208.35	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Eutrophication	Deletion	WQS attained - new assessment method (2)
Sand Lake	Sand Lake	LAKE	16240	10006048	1880000	1	Chippewa			14.84	ACRES	Category 2	04/01/2004	Atm. Dep.	Mercury	Contaminated Fish Tissue	Delist	WQS attained - original listing incorrect (2)

Local Waterbody Name	Official Waterbody Name	Water Type	WATERS ID (AU)	EPA_ID305B	WBIC	Seg.	Counties	Start Mile	End Mile	Size	Unit	DNR Category	Date Listed	Source Category	Pollutant	Impairment Indicator	Status	Listing Detail
Sand Lake (Sugar Camp Chain)	Sand Lake	LAKE	128276	10008941	1597000	1	Oneida			547.41	ACRES	Category 2	04/01/2016	PS/NPS	Total Phosphorus	Water Quality Use Restrictions	Delist	WQS attained - change in WQS (2)
Sand Lake T40n R15w S25	Sand Lake	LAKE	16889	10005309	2495100	1	Burnett			900.35	ACRES	Category 2	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	Delist	WQS attained - recovery unspecified (2)
School Section Lake	School Section Lake	LAKE	10346	10000467	283600	1	Waupaca			38.53	ACRES	Category 2	04/01/2014	NPS	Total Phosphorus	Excess Algal Growth	Delist	WQS attained - recovery unspecified (2)
School Section Lake	School Section Lake	LAKE	11752	10001524	825000	1	Waukesha			122.08	ACRES	Category 2	04/01/2014	NPS	Total Phosphorus	Impairment Unknown, Excess Algal Growth	Delist	WQS attained - recovery unspecified (2)
Southport Park Beach, Lake Michigan	Lake Michigan	GREAT LAKES BEACH	1491250	10024852	20	38	Kenosha			0.07	MILES	Category 2	04/01/2008	Other	E. coli	Recreational Restrictions - Pathogens	Delist	WQS attained - recovery unspecified (2)
Sugar Camp Lake	Sugar Camp Lake	LAKE	128310	10007452	1020400	1	Oneida			519.14	ACRES	Category 5B	04/01/2016	PS/NPS	Unknown Pollutant	Excess Algal Growth	Deletion	WQS attained - recovery unspecified (2)
Token Creek	Token Creek	RIVER	310734	10040484	806600	3	Dane	3.44	7.25	3.81	MILES	Category 4A	04/01/1998	Habitat/ Physical	Fish Barriers (Fish Passage)	Degraded Biological Community	Deletion	WQS attained - restoration (2)
Token Creek	Token Creek	RIVER	5546058	10040480	806600	4	Dane	7.25	9.9	2.65	MILES	Category 5P	04/01/1998	Habitat/ Physical	Fish Barriers (Fish Passage)	Degraded Biological Community	Deletion	WQS attained - restoration (2)
Underwood Creek	Underwood Creek	RIVER	10027	10008092	16700	2	Waukesha, Milwaukee	2.84	8.54	5.7	MILES	Category 5A	04/01/2012	Point Source	Unknown Pollutant	Degraded Biological Community	Deletion	WQS attained - recovery unspecified (2)
Unnamed Stream	Unnamed	RIVER	5506181	10032034	449600	1	Oconto	0	2.53	2.53	MILES	Category 2	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	Delist	WQS attained - original listing incorrect (2)
Upper Kaubashine Lake	Upper Kaubashine Lake	LAKE	128366	10008936	1535000	1	Oneida			180.71	ACRES	Category 2	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	Delist	WQS attained - water no longer threatened (2)
Upper Turtle Lake	Upper Turtle Lake	LAKE	15711	10004364	2079800	1	Barron			427.02	ACRES	Category 5A	04/01/2014	NPS	Unknown Pollutant	Excess Algal Growth	Deletion	WQS attained - recovery unspecified (2)
Waubeesee Lake	Waubeesee Lake	LAKE	10468	10000563	760900	1	Racine			139.21	ACRES	Category 2	04/01/2014	NPS	Total Phosphorus	Impairment Unknown	Delist	WQS attained - change in WQS (2)
Whitewater Creek	Whitewater Creek	RIVER	11777	10035960	813900	1	Jefferson, Walworth	0	8.08	8.08	MILES	Category 2	04/01/2016	Point Source	Total Phosphorus	Impairment Unknown	Delist	WQS attained - recovery unspecified (2)
Whitewater Lake	Whitewater Lake	LAKE	11784	10001552	816800	1	Walworth			625.21	ACRES	Category 2	04/01/2010	PS/NPS	Total Phosphorus	Excess Algal Growth	Delist	WQS attained - recovery unspecified (2)
Willow Creek (Greendale)	Unnamed	RIVER	1454972	10040424	50740	1	Sheboygan	1.95	3.8	1.85	MILES	Category 2	04/01/2016	PS/NPS	Unknown Pollutant	Degraded Biological Community	Delist	WQS attained - recovery unspecified (2)
Winneconne Lake	Lake Winneconne	LAKE	10749	10000776	241600	1	Winnebago			4552.94	ACRES	Category 5A	04/01/2008	Contam. Sed.	PCBs	Contaminated Fish Tissue	Deletion	WQS attained - recovery unspecified (2)
Wolf River-Main Stem	Wolf River	RIVER	11237	10008126	241300	1	Winnebago	0	9.45	9.45	MILES	Category 5A	04/01/1998	Atm. Dep.	Mercury	Contaminated Fish Tissue	Deletion	WQS attained - recovery unspecified (2)
Wolf River-Main Stem	Wolf River	RIVER	11237	10008126	241300	1	Winnebago	0	9.45	9.45	MILES	Category 5A	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	Deletion	WQS attained - recovery unspecified (2)
Wolf River-Main Stem	Wolf River	RIVER	314842	10008427	241300	2	Waupaca, Winnebago	9.45	42	32.55	MILES	Category 2	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	Delist	WQS attained - recovery unspecified (2)
Wolf River-Main Stem	Wolf River	RIVER	314890	10008428	241300	3	Outagamie, Waupaca	42	66.53	24.53	MILES	Category 2	04/01/1998	Contam. Sed.	PCBs	Contaminated Fish Tissue	Delist	WQS attained - recovery unspecified (2)
Wolf River-Main Stem	Wolf River	RIVER	314921	10008429	241300	4	Outagamie, Shawano, Waupaca	66.53	90.98	24.45	MILES	Category 2	04/01/2002	Contam. Sed.	PCBs	Contaminated Fish Tissue	Delist	WQS attained - recovery unspecified (2)
Wolf River-Main Stem	Wolf River	RIVER	315333	10008432	241300	5	Shawano, Waupaca	90.98	110.69	19.71	MILES	Category 2	04/01/1998	Other	PCBs	Contaminated Fish Tissue	Delist	WQS attained - recovery unspecified (2)
Yahara, Stoughton To L. Kegonsa	Yahara River	RIVER	355202	10008481	798300	5	Dane	16.32	22.06	5.74	MILES	Category 4A	04/01/1998	PS/NPS	Total Phosphorus	Low DO	Deletion	WQS attained - recovery unspecified (2)

Appendix B

2018 Impaired Waters List Pollutant and Impairment Summary Numbers

Pollutant and Impairment Summary Numbers

These tables are ones included in most previous 305(b) Wisconsin Water Quality Reports to Congress and for that reason they were kept in this report. These tables summarize pollutants and impairments for each waterbody type by designated use.

LAKES

Table 1. Pollutant by lake acreage for each designated use.

Fish and Aquatic Life Use	Acres
Total Phosphorus	304,328
Sediment/Total Suspended Solids	178,508
Unknown Pollutant	5,425
PCBs	3,359
Chloride	14

Recreation Use	Acres
Total Phosphorus	312,939
Unknown Pollutant	19,472
E. coli	443

Fish Consumption Use	Acres
Mercury	254,250
PCBs	183,860

Table 2. Impairment by lake acreage for each designated use.

Fish and Aquatic Life Use	Acres
Eutrophication	221,864
Low DO	164,284
Turbidity	156,712
Water Quality Use Restrictions	54,994
Degraded Habitat	39,459
Impairment Unknown	28,056
Elevated pH	3,465
Contaminated Sediment	3,359
Elevated Water Temperature	390
Degraded Biological Community	127
Fish Kills	73
Aquatic Toxicity	27

Recreation Use	Acres
Excess Algal Growth	270,818
Water Quality Use Restrictions	32,127
Impairment Unknown	21,979
Low DO	8,405
Recreational Restrictions - Pathogens	443
Degraded Biological Community	127

Fish Consumption Use	Acres
Contaminated Fish Tissue	287,437

SPRINGS

Table 3. Lake Pollutant Acreage by Designated Use

Fish and Aquatic Life Use	Acres
Total Phosphorus	76

Recreation Use	Acres
Total Phosphorus	76

Table 4. Impairment by Lake Acreage (all designated uses).

Fish and Aquatic Life Use	Acres
Impairment Unknown	38
Water Quality Use Restrictions	38

Recreation Use	Acres
Impairment Unknown	38
Water Quality Use Restrictions	38

Freshwater Impoundments

Table 5. Pollutant by impoundment acreage for each designated use.

Fish and Aquatic Life Use	Acres
Total Phosphorus	71,429
Sediment/Total Suspended Solids	3,656
BOD, sediment load (Sediment Oxygen Demand)	2,947
Unknown Pollutant	284
Mercury	62
Unspecified Metals	62
PCBs	37
Recreation Use	**Acres**
Total Phosphorus	79,271
Unknown Pollutant	510
Fish Consumption Use	**Acres**
Mercury	57,194
PCBs	34,297
Dioxin	23,001

Table 6. Impairment by impoundment acreage for each designated use.

Fish and Aquatic Life Use	Acres
Eutrophication	46,633
Low DO	38,421
Elevated pH	5,263
Degraded Habitat	3,021
Impairment Unknown	1,929
Aquatic Toxicity	408
Contaminated Sediment	143
Turbidity	56
Contaminated Fish Tissue	18
Recreation Use	**Acres**
Excess Algal Growth	36,489
Water Quality Use Restrictions	35,386
Recreational Restrictions - Blue Green Algae	7,197
Impairment Unknown	709
Fish Consumption Use	**Acres**
Contaminated Fish Tissue	114,491
Aquatic Toxicity	354
Contaminated Sediment	354

Bays & Harbors

Table 7. Pollutant by bay/harbor acreage for each designated use.

Fish and Aquatic Life Use	Acres
Total Phosphorus	14,618
Sediment/Total Suspended Solids	14,263
PCBs	13,867
Unspecified Metals	6,067
PAHs	5,937
Lead	141
Foam/Flocs/Scum/Oil Slicks	19
Unknown Pollutant	11
Recreation Use	**Acres**
Unknown Pollutant	555
Total Phosphorus	302
Fish Consumption Use	**Acres**
PCBs	19,972
Mercury	6,068
Public Health and Welfare Use	**Acres**
2,3,7,8-Tetrachlorodibenzo-p-dioxin (only)	5,902
DDT	5,902
Dieldrin	5,902

Table 8. Impairment by bay/harbor acreage for each designated use.

Fish and Aquatic Life Use	Acres
Contaminated Sediment	14,025
Degraded Habitat	13,867
Low DO	13,867
Aquatic Toxicity	12,034
Eutrophication	1,147
Elevated pH	396
Recreation Use	**Acres**
Excess Algal Growth	555
Water Quality Use Restrictions	302
Non-Native Aquatic Plants	302
Fish Consumption Use	**Acres**
Contaminated Fish Tissue	26,040
Public Health and Welfare Use	**Acres**
Contaminated Sediment	5,902

RIVERS & STREAMS

Table 9. Pollutant by river/stream mileage for each designated use.

Fish and Aquatic Life Use	Miles
Total Phosphorus	6,577
Sediment/Total Suspended Solids	1,509
Unknown Pollutant	1,042
Chloride	205
PCBs	166
Unspecified Metals	84
BOD	58
Ammonia (Unionized) - Toxin	53
PAHs	34
Lead	32
Zinc	20
Creosote	18
Elevated Water Temperature	17
Mercury	16
Arsenic	10
Other flow regime alterations	5
Cadmium	2
Foam/Flocs/Scum/Oil Slicks	2
Copper	1
Recreation Use	**Miles**
Fecal Coliform	115
E. coli	45
Fish Consumption Use	**Miles**
PCBs	1,264
Mercury	453
PFOs	97
Dioxin	15
Cadmium	2
General Use	**Miles**
Mercury	231
PCBs	231

Table 10. Impairment by river/stream mileage for each designated use.

Fish and Aquatic Life Use	Miles
Impairment Unknown	3,267
Degraded Biological Community	1,757
Degraded Habitat	1,529
Water Quality Use Restrictions	1,277
Low DO	885
Elevated Water Temperature	834
Aquatic Toxicity	441
Contaminated Sediment	215
Eutrophication	68
Degraded Submerged Aquatic Vegetation (SAV)	48
Elevated pH	14
Turbidity	11
Contaminated Fish Tissue	10
Excess Algal Growth	8
Sediment/Total Suspended Solids	7
Low flow alterations	6
Recreation Use	**Miles**
Recreational Restrictions - Pathogens	160
Fish Consumption Use	**Miles**
Contaminated Fish Tissue	1,820
Contaminated Sediment	21
Aquatic Toxicity	2
General Use	**Miles**
Water Quality Use Restrictions	231

BEACHES

Table 11. Inland Beach Pollutant Miles by Designated Use.

Recreation Use	Miles
E. coli	2

Table 12. Impairment by Inland Beach Mile (all designated uses).

Recreation Use	Miles
Recreational Restrictions - Pathogens	2

Table 13. Great Lake Beach Pollutant Miles by Designated Use.

Recreation Use	Miles
E. coli	10

Table 14. Impairment by Great Lake Beach Mile (all designated uses).

Recreation Use	Miles
Recreational Restrictions - Pathogens	10

GREAT LAKE SHORELINE

Table 15. Great Lake Shoreline Pollutant Miles by Designated Use.

Fish Consumption Use	Miles
PCBs	268
Mercury	259

Table 16. Impairment by Great Lake Shoreline Mile (all designated uses).

Fish Consumption Use	Miles
Contaminated Fish Tissue	268

WETLANDS

Table 17. Wetland Pollutant Acres by Designated Use.

Fish and Aquatic Life Use	Acres
Sediment/Total Suspended Solids	1,000
Total Phosphorus	1,000

Table 18. Impairment by Wetland Acres (all designated uses).

Fish and Aquatic Life Use	Acres
Degraded Habitat	1,000
Low DO	1,000