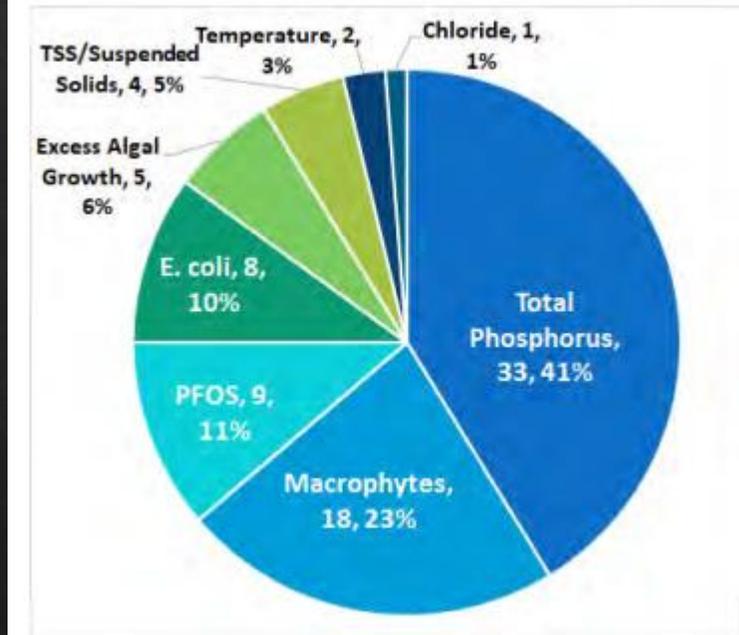


Outstanding, Exceptional, and  
Impaired Waters of Door County

# DNR Impaired Water Condition Lists

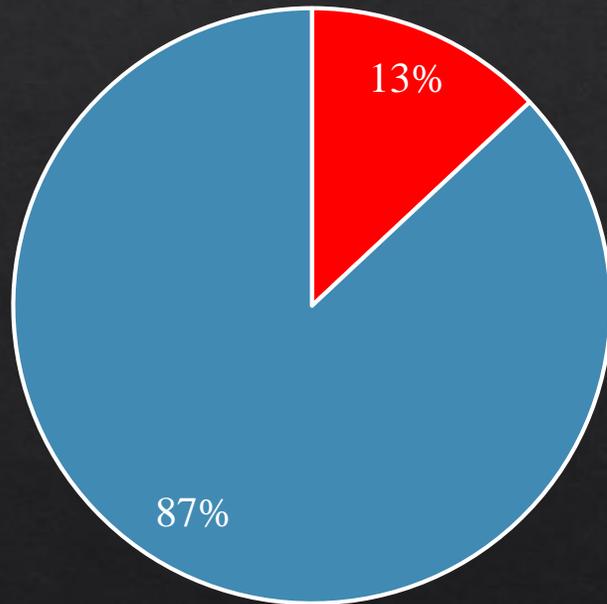
- ◇ Every 2 years, DNR publishes list of waters considered impaired
  - ◇ Impaired, In Restoration, Attaining Standards
    - ◇ Impaired: Do not meet water quality standards and may not support fishing, swimming and recreation, aquatic life, or public health and welfare.
    - ◇ 80% of Wisconsin waters are Attaining Standards
- ◇ Plurality of new listings (41%) are for Total Phosphorus levels
  - ◇ TP impaired = mean TP over the course of the sampling period  $\geq 75\mu\text{g/L}$
  - ◇ Phosphorus Standards were first adopted in 2012
    - ◇ **Increased TP impaired listings since 2012 does not necessarily reflect worse environmental conditions**

New Wisconsin Impaired Listings



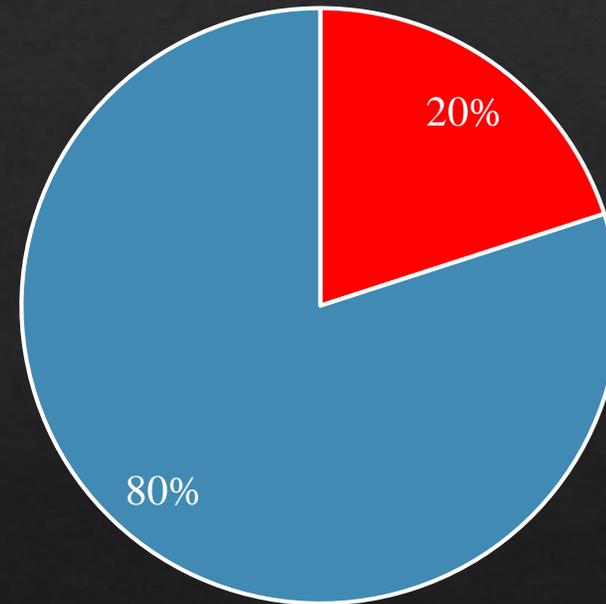
# Door County Compared to Wisconsin

Door County



■ Impaired ■ Attaining Standards

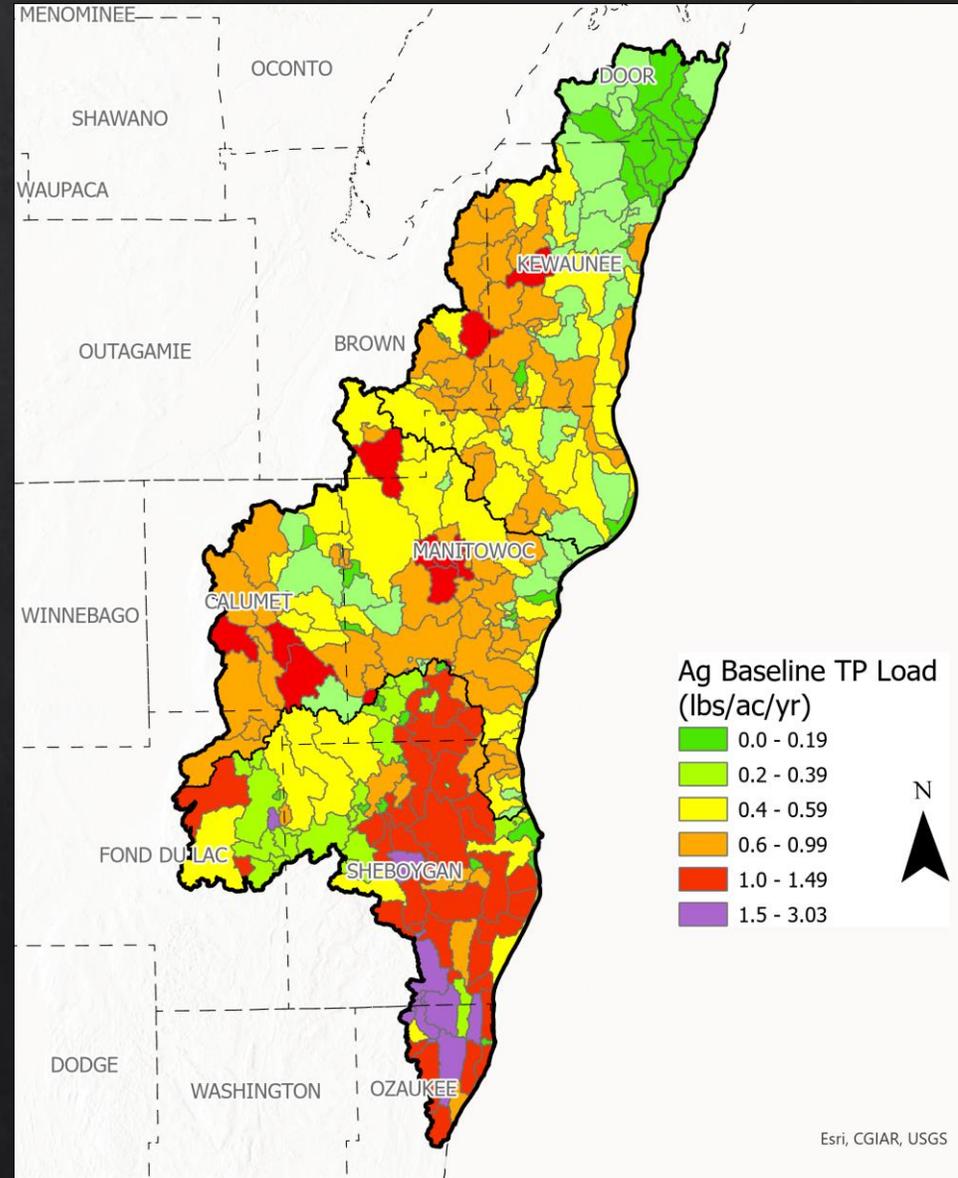
Wisconsin



■ Impaired ■ Attaining Standards

\* These only account for waters which are evaluated

# Phosphorus Contributions by Watershed



# Impaired Waters

Waterbody Name (Local)	Size (Acres or Miles)	Cycle Listed	Pollutants (Causes)	Impairments (Observed Effects)	TMDL Priority	First Tested
Ahnapee River	6.9	1998	PCBs	PCBs Contaminated Fish Tissue	Low	1998
Ahnapee River	7.9	1998	PCBs	PCBs Contaminated Fish Tissue	Low	1998
Ahnapee River	7.9	2022	Cause Unknown	Degraded Biological Community	Low	1976
Fish Creek Beach, Lake Michigan	0.0	2022	E. coli	Recreational Restrictions - Pathogens	Low	2022
Heins Creek	0.8	2020	Cause Unknown	Elevated Water Temperature	Low	1985
Larson Creek	5.0	2022	Total Phosphorus	Impairment Unknown	Low	2003
Otumba Park Beach	0.0	2022	E. coli	Recreational Restrictions - Pathogens	Low	2017
<b>Stony Creek*</b>	8.26	<b>2024</b>	Total Phosphorus	Impairment Unknown	Low	1978
Sugar Creek	9.0	2014	Total Phosphorus	Impairment Unknown	Low	1993
Unnamed Creek	1.9	2022	Cause Unknown	Degraded Biological Community	Low	2013
Unnamed Trib to Little Sturgeon Bay	2	<b>2024</b>	Total Phosphorus	Impairment Unknown	Medium	2019

\* Added to previously listed water in Restoration

# In Restoration

Waterbody Name (Local)	Start Mile	End Mile	Cycle Listed	Pollutants (Causes)	Impairment	TMDL Approval Year
Stony Creek	8.3	16	2018	Total Phosphorus	Impairment Unknown	2023
Stony Creek	0	8.3	2024	Total Phosphorus	Impairment Unknown	2023
Stony Creek	0	8.3	1998	Sediment/Total Suspended Solids	Degraded Habitat	2023

# Past Impaired Delistings

Waterbody Name (Local)	Size (Acres or Miles)	Pollutants (Causes)	Delisted
Clark Lake	865.0	PCBs	2008
Anclam Park Beach	0.7	E. coli	2010
Sunset Beach	0.6	E. coli	2010
Ahnapee River	7.9	Total Phosphorus	2022
Sturgeon Bay	4600.0	Unknown	2002
Mackaysee Lake	354.0	Mercury	2020
Haines Park Beach, Lake Michigan	0.06	E. Coli	2024
Sand Bay Beach 1, Lake Michigan	0.02	E. Coli	2024

# Outstanding and Exceptional Waters

- ◆ Outstanding and Exceptional Resource Waters provide outstanding recreational opportunities, support valuable fisheries and wildlife habitat, have good water quality and are not significantly impacted by human activities
- ◆ ORWs receive the state's highest protection standards
  - ◆ ERWs are a close second
  - ◆ They differ in the type of discharge each is allowed to receive
    - ◆ ORWs do not receive any point source discharge (unless discharge is equal to or better than background at all times)
    - ◆ ERWs may receive point source discharge in occasional circumstances (must maintain background water quality levels)
- ◆ ORWs and ERWs are outlined in Chapters NR 102.10 (ORWs) and NR 102.11 (ERWs)

# Outstanding and Exceptional Waters

<b>Local Waterbody Name</b>	<b>ORW/ ERW</b>	<b>Start Mile</b>	<b>End Mile</b>	<b>Mileage/ Acreage</b>
Hidden Springs	Exceptional Resource Water	0	0.73	0.73
Keyes Creek	Exceptional Resource Water	7.6	8.03	0.43
Logan Creek	Outstanding Resource Water	0	0.19	0.19
Mink Lake	Outstanding Resource Water	N/A	N/A	101.02
Mink River (Rogers)	Outstanding Resource Water	0	1.62	1.62
Keyes Creek (Trib To)	Exceptional Resource Water	0	1.05	1.05



\*N/A streams have not been evaluated

# Helpful Sources

- ◇ Spreadsheet of ORWs/ERWs Listed by County
  - ◇ <https://apps.dnr.wi.gov/swims/Documents/DownloadDocument?id=257391523>
- ◇ DRAFT 2024 Water Condition Lists – Full Lists (New Listings, Listing Removals, Impaired Water Lists, In-Restoration List, and Attaining Standards)
  - ◇ <https://apps.dnr.wi.gov/swims/Documents/DownloadDocument?id=352151096>
- ◇ 2024 Water Condition Fact Sheet
  - ◇ <https://apps.dnr.wi.gov/swims/Documents/DownloadDocument?id=352162873>
- ◇ NR 102
  - ◇ [https://docs.legis.wisconsin.gov/code/admin\\_code/nr/100/102.pdf](https://docs.legis.wisconsin.gov/code/admin_code/nr/100/102.pdf)
- ◇ 2024 WisCALM
  - ◇ <https://dnr.wisconsin.gov/topic/SurfaceWater/WisCALM.html>