

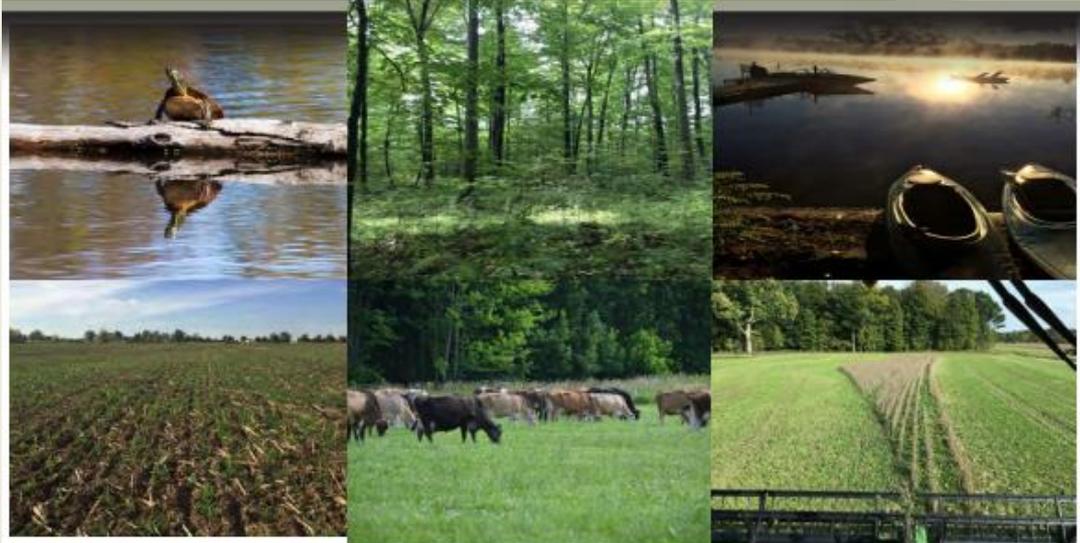


MARATHON COUNTY
LAND & WATER
Resource Management Plan



MARATHON
COUNTY

Conservation, Planning,
& Zoning Department



Paul Daigle
Land and Water
Program Director
Jacob Langenhahn
Environmental Resources
Committee Chair

Objective of LWRM Plan



Conservation, Planning,
& Zoning Department

- **The Marathon County Land and Water Resource Management Plan (LWRM Plan)**
 - Coordinated public and private investment
 - Framework to identify goals, objectives, and strategies for the implementation of soil and water conservation.
 - Align county, state, federal and local desired outcomes aimed to protect and conserve natural resources



Wetland Restoration

Plan will help fulfill mission



Conservation, Planning,
& Zoning Department

We work each day to: Protect our community's land and environment ***because*** the economic strength and vitality of our community is dependent on the quality of our resources.

We do this through: leadership, accountability, community engagement, and collaborative partnerships ***So that:*** we have thoughtful and deliberate use of resources and innovative solutions to ensure Marathon County has healthy people, a healthy economy, and a healthy environment today and tomorrow.



Marathon County:



Conservation, Planning,
& Zoning Department

- County Population of 136,517
- 1.009 million acres
- 202 Lakes covering 28,322 acres
- 356 Rivers and Streams
- 473,147 acres land in farmland
 - 111,567 acres of corn/corn silage
 - 61,849 acres of soybeans
 - 111,588 acres of perennial forage
 - 61,000 cows on about 500 dairy farms
 - 145,000 total livestock



Resource concerns:



Conservation, Planning,
& Zoning Department

- Increasing acreage of corn and soybean
- Increasing soil erosion rate
- Decreasing perennial forages acreage
- 255.5 miles of phosphorus impaired streams
- Increasing erodibility of crops types being rown
- Shoreland encroachment and development



Chapter 2: Accomplishments

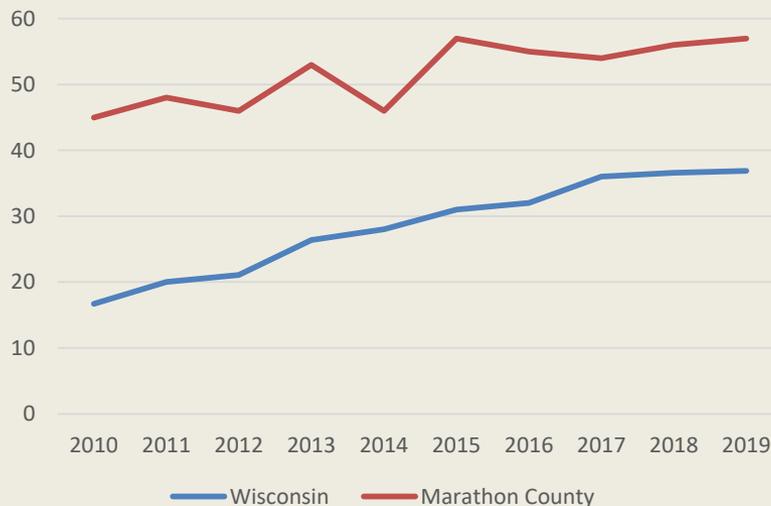


Conservation, Planning,
& Zoning Department

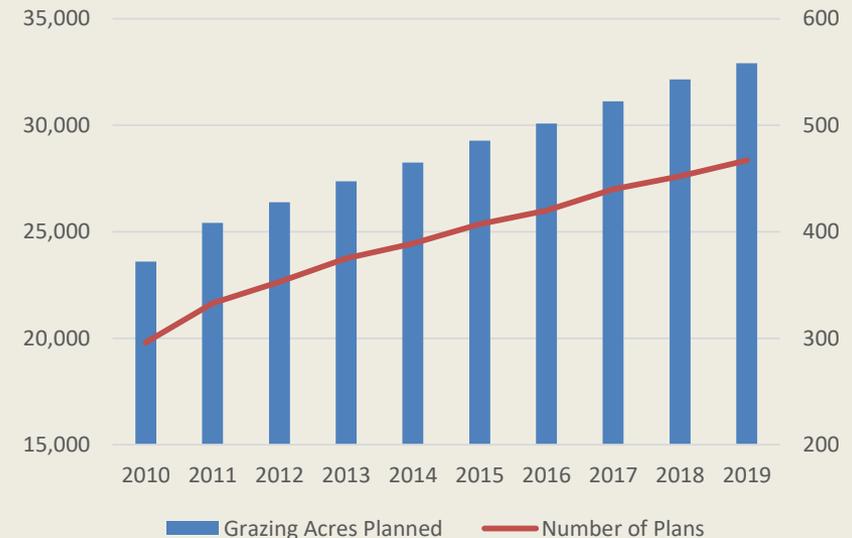
Identified 2010-2020 Major Accomplishments Related to goals of plan:

- Reducing Agricultural non-point runoff

Percent of Cropland with a Nutrient Management Plan



Cummulative Grazing Acres Planned and Number of Plans



Chapter 2: Accomplishments



Conservation, Planning,
& Zoning Department

Goal 2: Groundwater (Quality and Quantity)

Enacted metallic mining ordinance

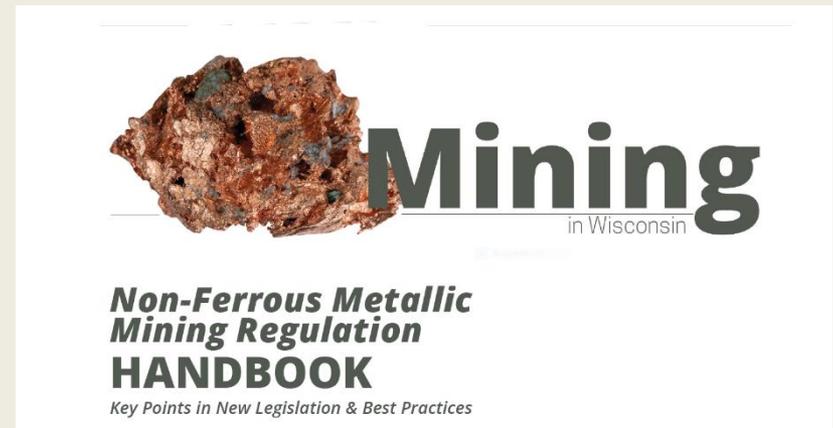
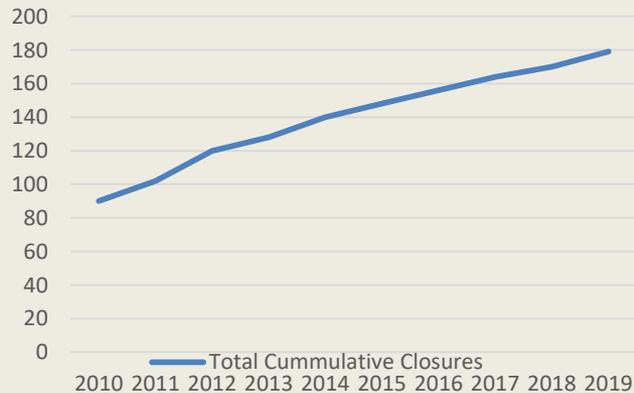
Soil Health Initiative

Safe Water Project-close idle pits

Wellhead protection overlay district



Cummulative Idle Manure Storage
Facilities Properly Closed



Chapter 2: Accomplishments



Conservation, Planning,
& Zoning Department

Goal 4: Reduce Land Conversion

Establishment of Two Agricultural Enterprise Areas (AEA) in Marathon County

Antigo Flats Agricultural Enterprise Area



Chapter 2: Accomplishments



Conservation, Planning,
& Zoning Department

Goal 5: Lake and Reservoir Management



“Completed Shoreland buffer on public lands.”

Source: Tyler Betry

Chapter 2: Accomplishments



Conservation, Planning,
& Zoning Department

Benchmarked Status of Agricultural Performance Standards and Prohibitions Accomplishments



CHAPTER 3. GOALS, OBJECTIVES, STRATEGIES, AND OUTCOMES



Conservation, Planning,
& Zoning Department

Plan Goals

- **GOAL 1**: LAND AND RESOURCES ARE PROTECTED AND IMPROVED COUNTY-WIDE.
- **GOAL 2**: SURFACE WATER QUALITY IS PROTECTED AND IMPROVED.
- **GOAL 3**: GROUNDWATER IS PROTECTED AND IMPROVED.
- **GOAL 4**: ACTIVELY EDUCATE AND ENGAGE COMMUNITY STAKEHOLDERS TO DEVELOP AN UNDERSTANDING OF LAND, SURFACE WATER, AND GROUNDWATER QUALITY CONCERNS.



Chapter 4-Implementation and Coordination-our North Star



Conservation, Planning,
& Zoning Department

- Growing Community Engagement



Healthy soil for healthy plants, animals and people;



Conservation, Planning,
& Zoning Department

Encourage and Inspire the five principles of Soil Health:

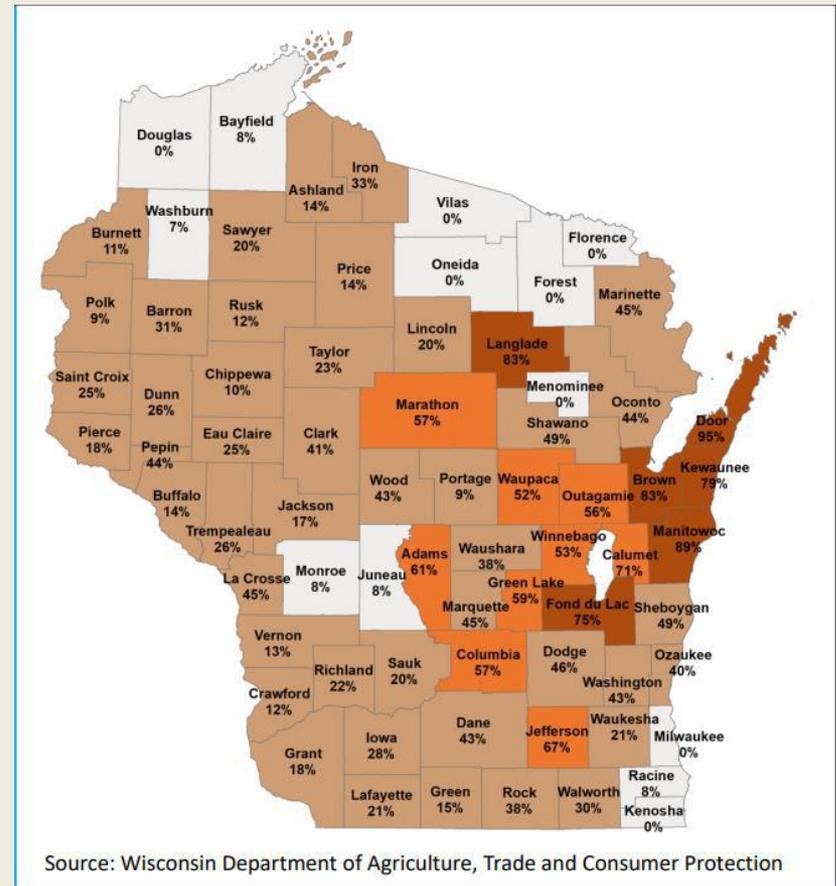


NR 151 Agricultural Performance Standards and Prohibitions



Conservation, Planning,
& Zoning Department

Farms subject to program requirements and/or regulatory enforcement of the state standards include:



Source: Wisconsin Department of Agriculture, Trade and Consumer Protection

Priority Farm Strategy:



Conservation, Planning,
& Zoning Department

HIGHEST PRIORITY ITEMS:

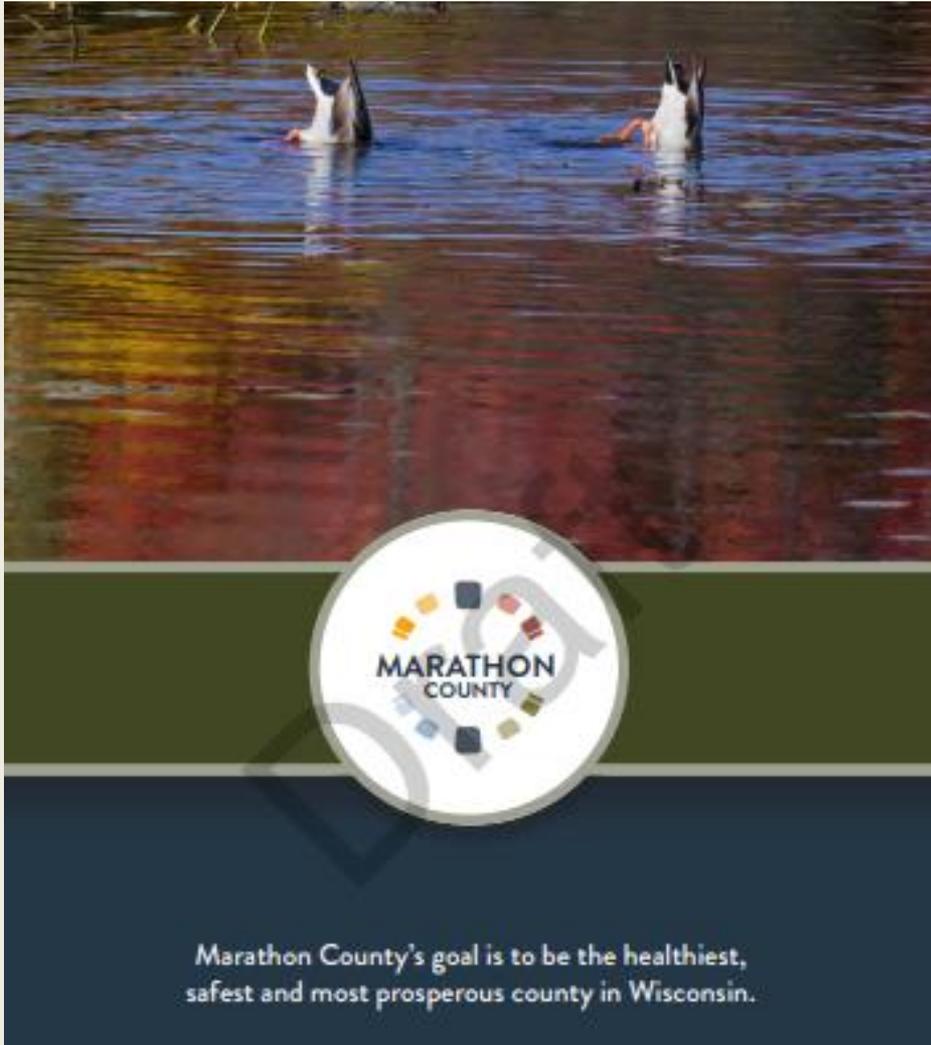
- Implementation of priority cropland Best Management Practices (BMPs) which support the five principles of soil health
- Implementation of NR 151 Agricultural Performance Standards and Prohibitions.
- Key in on Impaired Watersheds

Annual Fiscal Resource Projection



Conservation, Planning,
& Zoning Department

- Budget supports 7.7 staff positions
- Target high priority objectives only
- \$730,000 of county tax levy
- \$580,000 DATCP/DNR staffing and cost share grants
- Annually budget shortfall of \$190,000 staffing
- \$730,000 cost share shortfall
- Not reflective of any specific watershed plans or projects, which will need additional resources.
- CPZ has grown because of successful efforts to secure grants, provide stable revenue streams, and partnership agreements



Questions?



**MARATHON
COUNTY**

**Conservation, Planning,
& Zoning Department**

Thank you!

Contact information:

Paul Daigle 715-261-6000

cpz@co.marathon.wi.us