

## Land & Water Resource Management Plan 2022-2031

August 3rd, 2021

Brian Haase, Waupaca County Conservationist

DuWayne Federwitz, LWCC Chairman

Dan McFarlane, GIS/Engineering Technician





# Waupaca County

2021 Population = 50,847

28<sup>th</sup> Most Populated County

761 Sq. Miles (487,040 Acres)

5 Cities, 6 Villages (Waupaca 6,047, New London 6,994)

2/3 Population Rural

Economy:

- 1 – Industry
- 2 – Agriculture
- 3 – Tourism





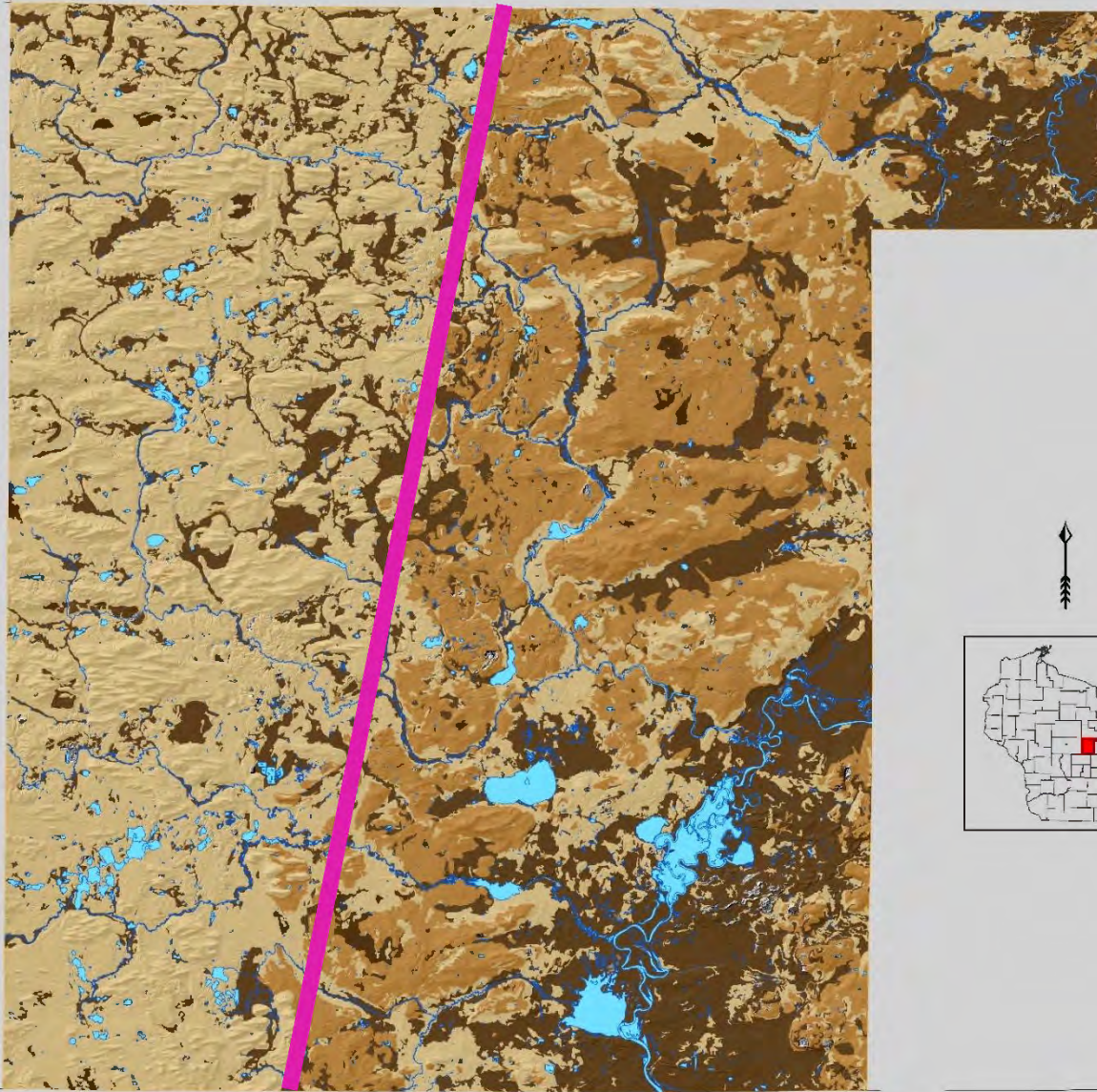
# Resources & Land Use

Watershed = 100% Wolf River Basin  
275 Lakes (145 Named) = 7,420 Acres  
Largest is White Lake (1,064 Ac)  
79 Rivers & Streams = 335 Miles (1,732 Ac)  
Largest is Wolf River (41% of River Area)  
35 Trout Streams = 155 Miles

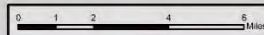
Agricultural Acres = 201,603  
Forested Acres = 170,000

Soils Types:  
Western ~35% = Sandy Moraine Outwash  
Eastern ~65% = Clay Loam Glacial Lake

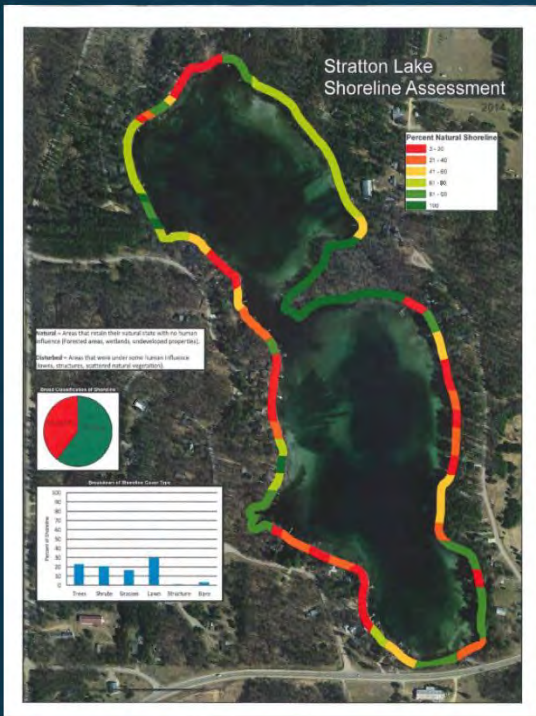
Farms:  
1,031 Total  
125 Dairy  
>250 Beef & Other Livestock



**Soil Types**  
PLAINFIELD; RICHFORD; KRANSKI; KENNAN; ROSHOLT; ELDERON; MEEHAN; MINOCQUA; OESTERLE; ROSCOMMON  
HORTONVILLE; SYMCO; ANGELICA; TILLEDA; WHALAN; WHALAN VARIANT; MILITARY  
BORTH; POY; WAUPACA; WEGA; ZURICH; CATHRO; SEELYEVILLE; NEBAGO; SHAWANO; TUSTIN; ROUSSEAU; WAINOLA; FORDUM; LOXLEY; MENASHA; NEENAH; OSHKOSH  
WI Counties  
Waupaca County





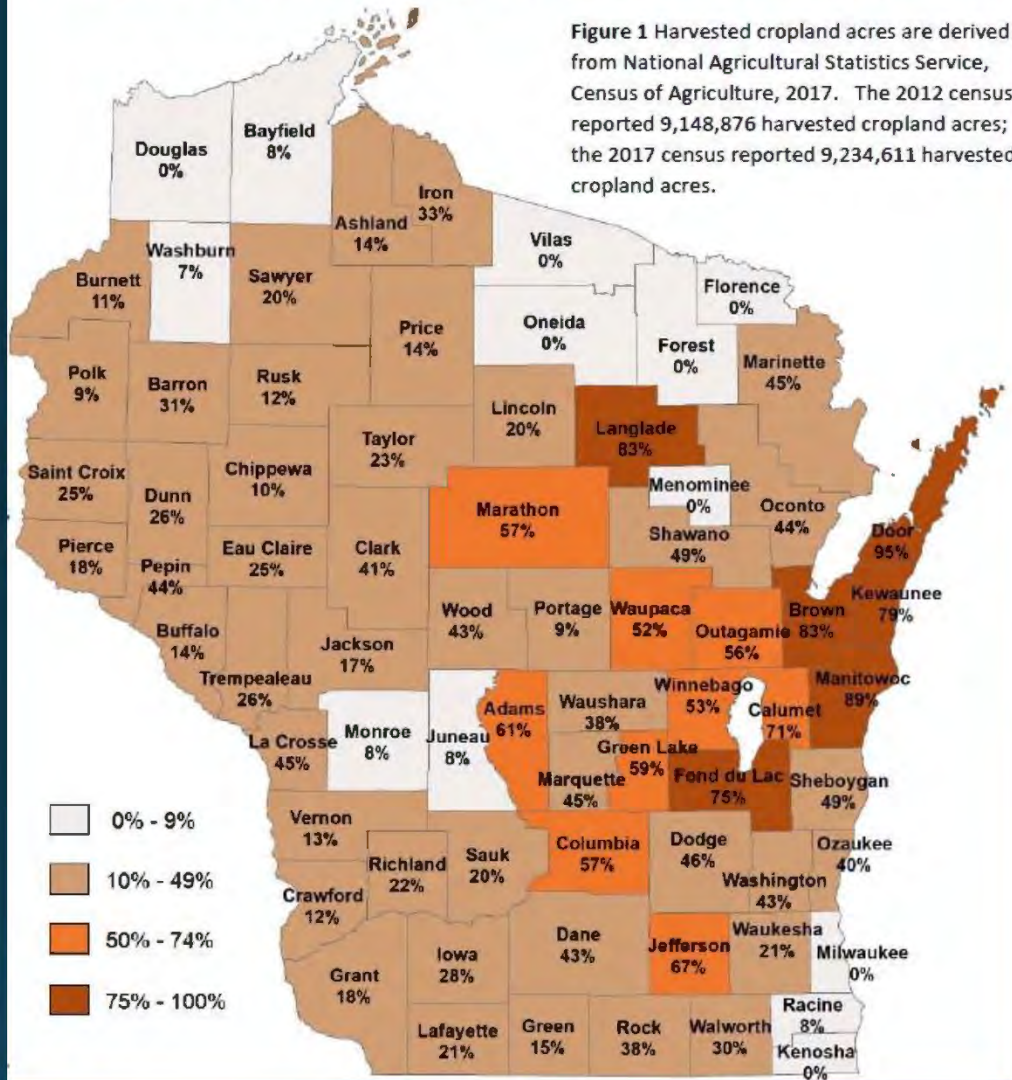


# PROJECTS



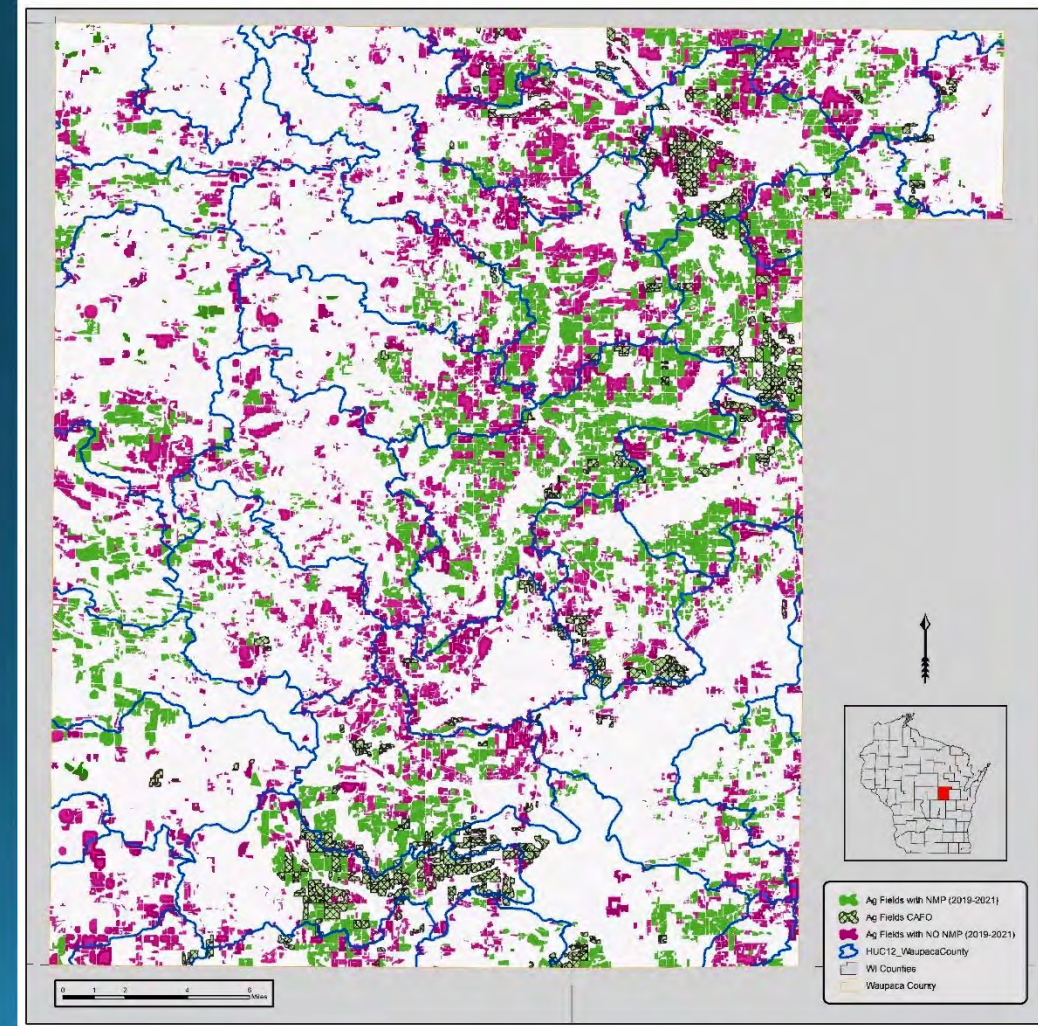


## Percent of County Cropland with 2019 NM Plans



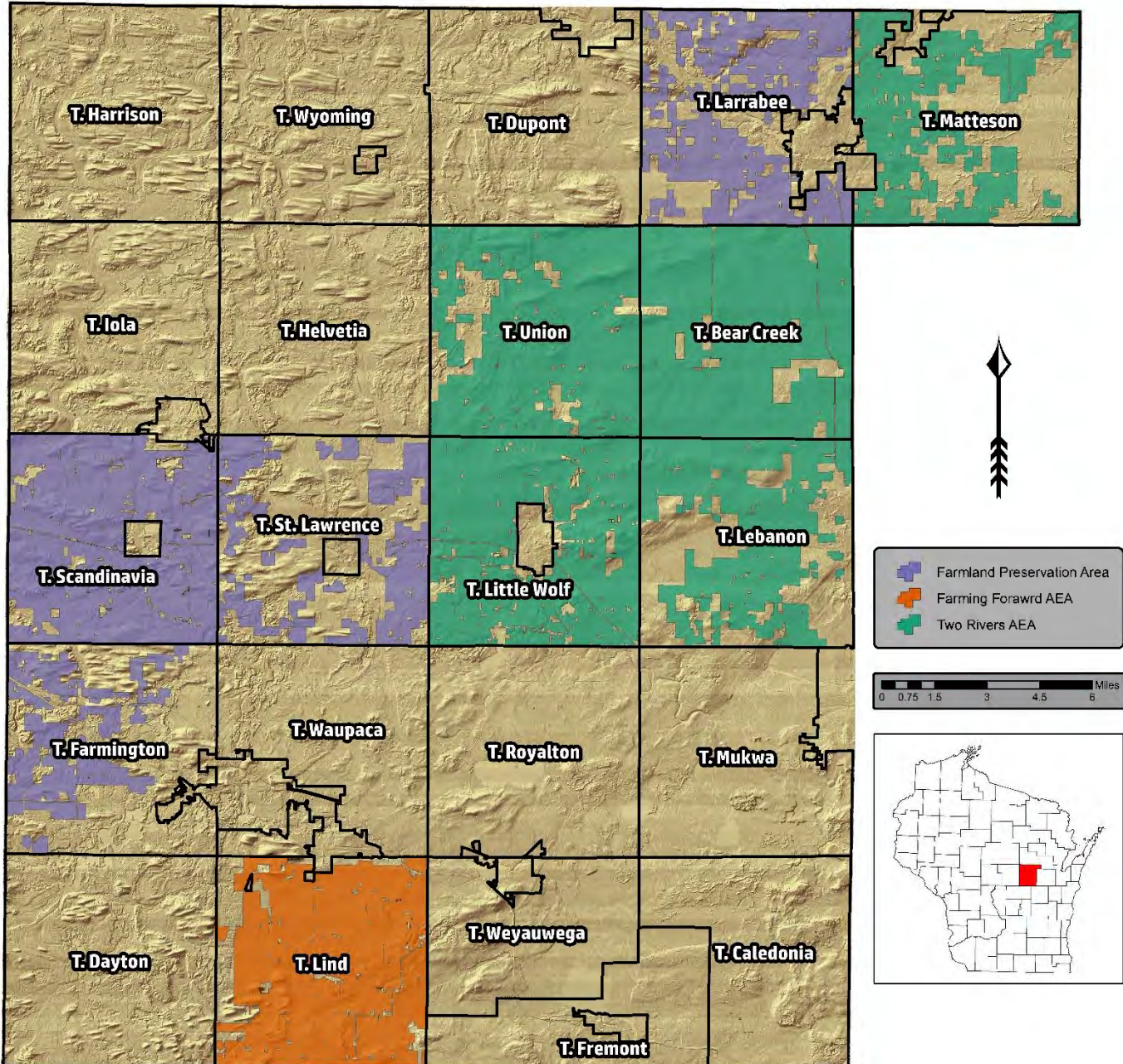
# Nutrient Management Planning

- 2011 - 37,535 ac
- 2012 - 40,890 ac
- 2013 - 42,819 ac
- 2014 - 40,363 ac
- 2015 - 49,325 ac
- 2016 - 57,924 ac
- 2017 - 67,109 ac
- 2018 - 71,895 ac
- 2019 - 84,279 ac
- 2020 - 93,163 ac





# Farmland Preservation Program



- **Original Plan 1981-2009**
  - ✓ 1990's over 240 Agreements
  - ✓ 2012 – 80 Agreements
  - ✓ 2022 – 6 Agreements Left
- **2015 – New Plan w/ Certified Zoning (8 Towns)**
- **2017 – Farming Forward AEA Designated**
  - ✓ 19,262 Acres
  - ✓ 1 Township
- **2018 – Three Rivers AEA Designated**
  - ✓ 111,186 Acres
  - ✓ 5 Waupaca & 2 Outagamie Townships
- **2019 – Parts of 2 more Townships Certified FP**
- **2020 Totals – 40,433 Acres w/ COC  
7,157 Acres AEA Agreements**



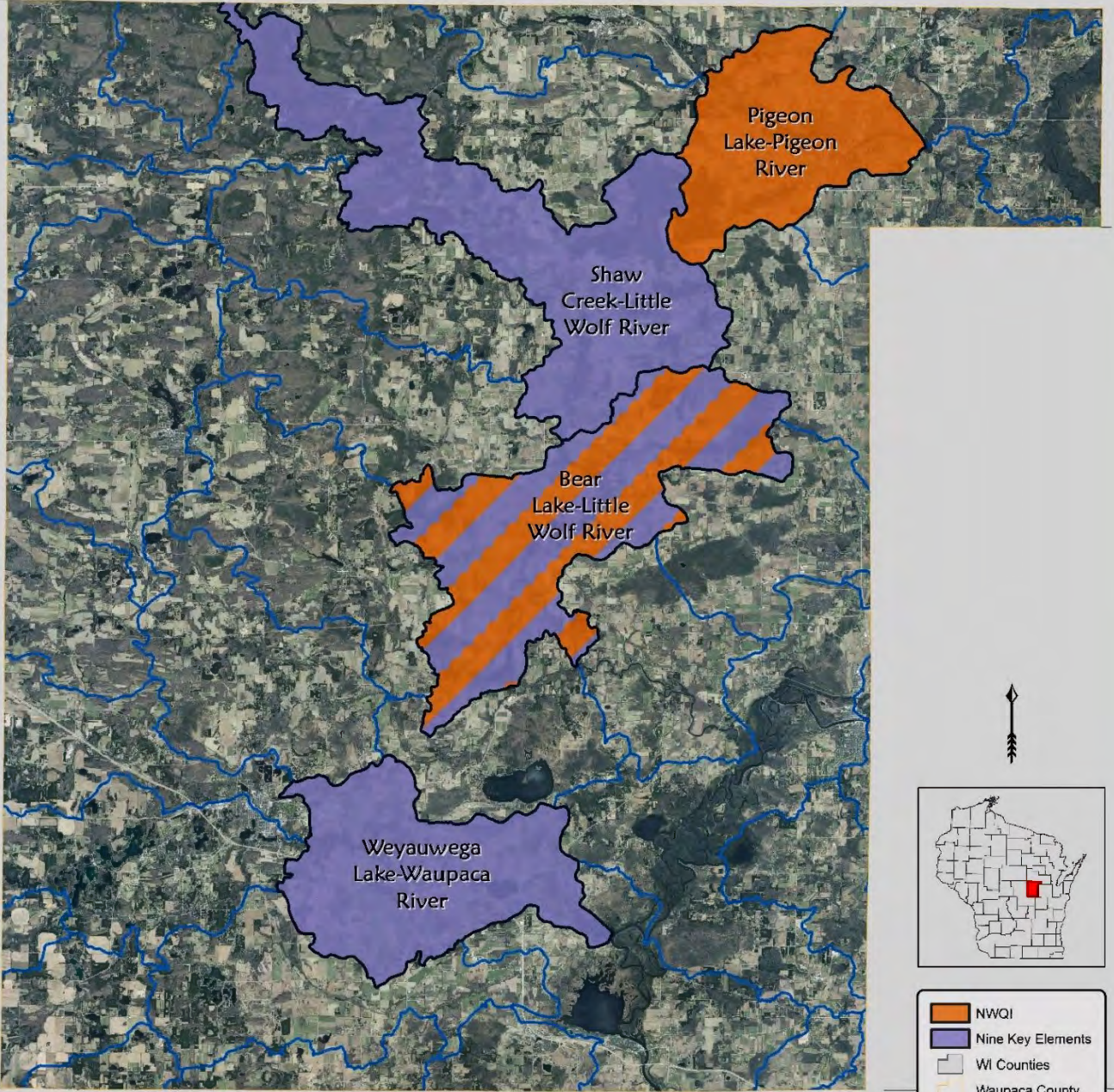
# WATERSHED PLANNING

## NRCS - National Water Quality Initiative

- 2013-2017 – Pigeon Lake Watershed  
303D List  
\$1.15 Million NRCS NWQI BMP funding

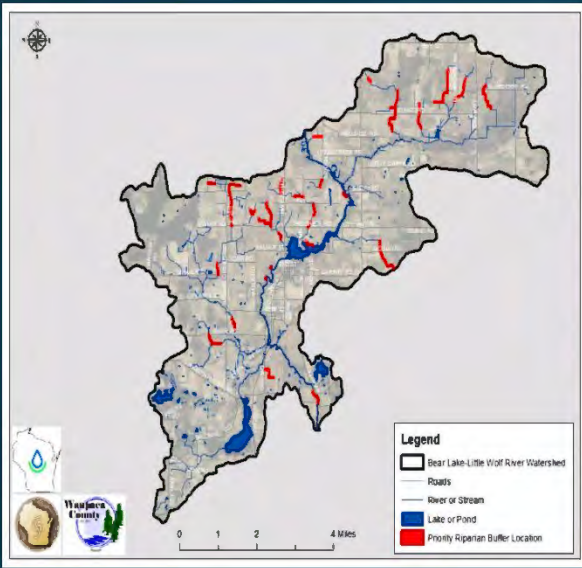
## 9 Key Element Plans – TMDL Goals

- 2018-Bear Lake – Lower Little Wolf R. Watershed  
NRCS funded planning process, \$48,000  
NRCS NWQI Funding available for BMP's  
\$973,000 (2020-2022) DNR TRM Grant for BMP's
- 2019- Weyauwega Lake Watershed  
DNR River Grant funded planning, \$10,000  
\$600,000 (2021-2023) DNR TRM Grant for BMP's
- 2020-Shaw Creek - Lower Little Wolf R. Watershed  
DNR/EPA Planning Grant funded, \$18,000  
\$600,000 (2022-2024) DNR TRM Grant for BMP's

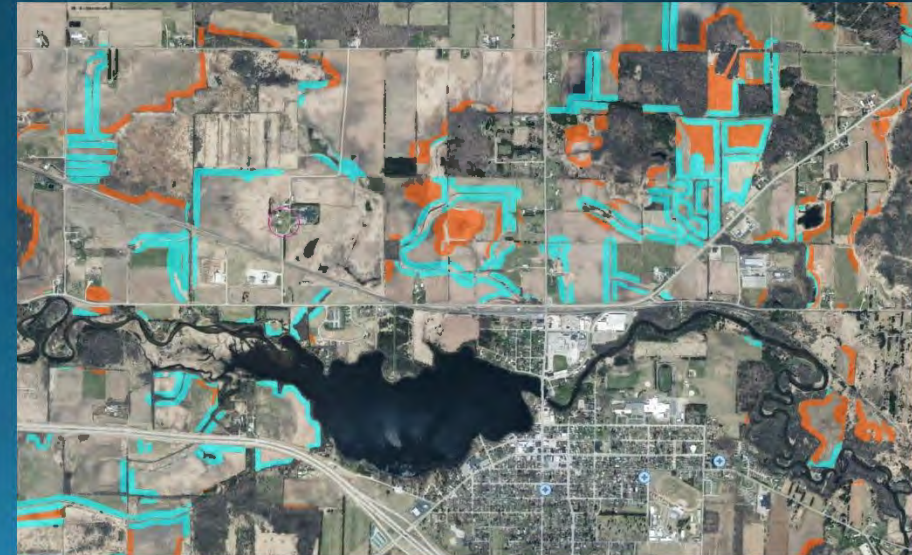




# HARVESTABLE BUFFER PILOT PROJECT



- **2020 – DATCP \$50,000 Pilot Project Award  
DNR TRM Watersheds \$500/Ac**
- **2021 – \$30,000 Supplemental SEG Allocation**
- **2022 – \$42,500 Supplemental SEG Application**
- **Buffers**
  - **Waupaca Rate = \$125/Ac/Year**
  - **35'-150' Width**
  - **10 Year Agreement**
  - **Min 50% Grass, NRCS 393 Standard**
  - **Harvest May 20 – Sept 15**
- **2020 Results – 68.3 Acres (3 Farms)**





# FINANCIAL FORECAST

*Waupaca County LWCD 2021 – 6 FTE, 1 Contracted FTE*

**“ADEQUATE FUNDING IS ESSENTIAL FOR SUCCESSFUL PLAN IMPLEMENTATION”**

**--Paul Sebo, Washington County**

## Cost Share Funding

### Staff Funding By Source

Funding Source	2019	2020	2021
DATCP	\$128,012	\$134,962	\$137,436
County	\$322,938	\$304,938	\$305,819
DNR Grants	\$0	\$16,353	\$84,502
NRCS Agreement	\$80,000	\$80,000	\$80,000
<b>Total</b>	<b>\$532,969</b>	<b>\$538,273</b>	<b>\$609,778</b>

Funding Source	2019	2020	2021
DATCP SEG (NMP)	\$96,875	\$78,260	\$95,000
DATCP Bond	\$90,858	\$66,099	\$59,250
DNR TRM	\$0	\$148,153	\$328,299
DNR NOD	\$169,610	\$0	\$130,340
DNR MDV	\$0	\$6,143	\$6,312
DNR Healthy Lakes	\$2,491	\$0	\$3,000
County Rain Gardens	\$1,200	\$600	\$1,800
<b>Total (w/o NRCS)</b>	<b>\$361,034</b>	<b>\$299,255</b>	<b>\$624,001</b>
NRCS EQIP	\$1,331,325	\$259,197	\$300,000
NRCS Demo Farm	\$24,850	\$42,732	\$60,932
<b>Total (with NRCS)</b>	<b>\$1,717,209</b>	<b>\$601,184</b>	<b>\$984,933</b>



# QUESTIONS?

