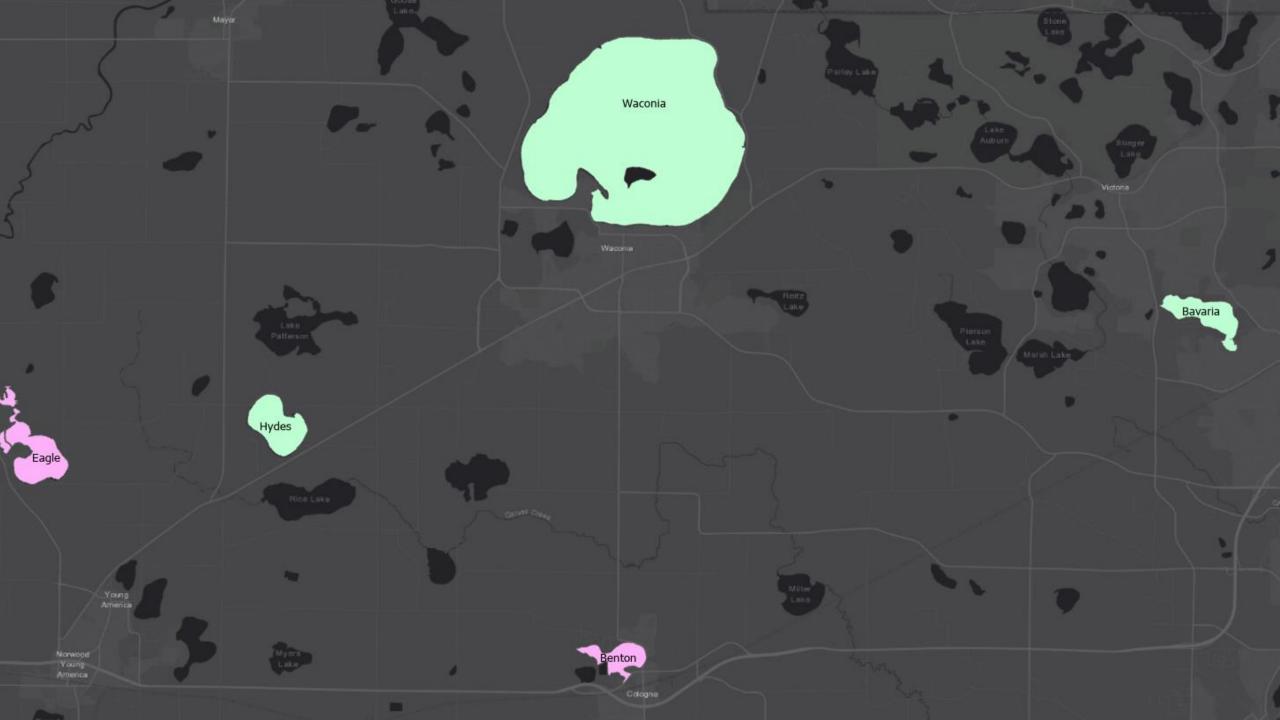


Expanded Monitoring

- Funding from a Monsanto settlement with the County
- Phytoplankton community
 - Base organism of the food web, human health implications (HABs)
- Zooplankton community
 - Primary consumers, consumed by small predators
- Dissolved organic carbon
 - Dissolved organic compounds from plants & algae (tea), base of the food web
 - Can alter nutrient levels, pH (can acidify water) & light absorption
- Nitrate & nitrite
 - Nitrate compounds that can be readily used by plants and algae





- Study the impact of nitrogen in lake ecosystems
 - Monitor how nitrogen compounds transition seasonally
- Study annual fluctuations of new parameters
 - 2–3 year study
- Characterize correlations between phytoplankton and zooplankton communities with old and new parameters
- MPCA is assisting with how to interpret our results
 - Winter

Questions

