

## Lake Management Plan Update

The primary goals of the Muskellunge Lake Plan were reviewed with the membership at the 2024 annual meeting. The Plan was initially approved in 2020 and updated with annual reports each year

Primary Goals – status 8/10/2024

Lake Management Long-term plan

6 Goals

- Reduce EWM, Prevent Introduction
  - 3<sup>rd</sup> year with no EWM discovered.
  - Securing control actions as used previously will be difficult to secure and will be very expensive.
- Ongoing monitoring of the lake, Prevent another introduction
  - BOD tours of the lake occur regularly.
  - If you see something unusual, bring it forward, take a picture.
  - Continue to support CBCW protocols and lake user awareness.
- Water Quality monitoring
  - Ongoing monthly (summertime) Monitoring
    - Phosphorous – The primary nutrient for plants and algae.
    - Chlorophyll – The amount of algae present in the water column.
    - Secci – A measure of water clarity.
    - Temperature – A profile of stratification/mixing of the water column.
    - Dissolved Oxygen – A profile of stratification/mixing of oxygen available for the fishery.
  - Reviewing Phosphorus control schemes. Not easy as our ground water is high in Phosphorous.
    - Individuals can help
      - Do not use fertilizers anywhere near lake.
      - Maintain a natural shoreline to filter run off.
      - Keep septic systems in good working condition.
      - Minimize stirring up lake sediment with prop wash and boating in shallow water.
- Improve Fishery
  - Stocking history and Lake information shared by DNR Fisheries manager for our area.
  - A panfish survey is planned for 2025.
- Natural Shorelines
  - TBD
- Protected land use
  - TBD