

# Lake Management Director

## Roles and responsibilities

### Board and committee meetings

- Attend regularly scheduled board meetings and annual meeting in November
- Schedule and conduct Lake Management Committee meetings
- Prepare and present a monthly report of committee activities

### Budget

- Work with the Treasurer to define an annual budget
- Record all project costs and summarize them in monthly reports

### Other responsibilities:

- Define reasonable goals and objectives for the year
  - Recommend lake shoreline stabilization treatments
  - Identify pre-concept level projects to reduce point source pollutants loadings through stormwater best practices, especially green infrastructure improvements
  - Develop an aquatic plant management plan that targets the reduction of invasive species and promote native plant diversity
  - Work with IDNR and the LLLMC for protocols to maintain a healthy fishery
- Monitor and report progress regarding goals, objectives, projects
  - Conduct lake inspections to include inlets, dam, spillway and shoreline
  - Work with contracted aquatics company to survey and assess lake conditions on a routine basis during the season. Collaborate on interventions, treatments and measurable anticipated success through observations and instrumentation
  - Maintain regular water quality reports:
    - Spraying reports: Dissolved oxygen, TDS, TSS, water temps at surface and below
    - Secchi levels and Tier 2 water sample collections
    - Stream Inlet Monitoring Project: TDS, conductivity, water temps, and flora and fauna observations, growth, cycles and nuisance to the environment
    - Documentation of shoreline erosion inclusive of the inlets
    - Reporting herbicide and algicide treatments and applications chemical spraying (maintenance)
    - Water sampling results from Lake County Health Dept. after significant rain
- Utilize resources and establish a liaison(s) for LLPOA and Lake Management Committee
  - Identify grant and other funding strategies at the local, state, and federal levels
  - Set up and establish training programs where appropriate and applicable
  - Bull Creek and Bull Brook Watershed Planning Council
  - Des Plaines River Watershed Council
  - Lake County Eco-Services, VLMP member
  - Lake County Stormwater Management Commission member