2022 USCLA Aquatic Ecology Plan

2022 Aquatic Plant Control Summary

Goal: **Implement a plant control program to prevent the spread of invasive aquatic plants, while preserving beneficial plant species and creating a healthy recreational lake.**

Sub-committee Members

- Joe Pierucci
- Alan Simons
- John Bull
- Bob Haase
- Doug Cooper

2022 Aquatic Plant Control Plan

1. Utilize present lake consultant Progressive AE **(~$9,000)**
   - Allows to better track progress and guide applicators/harvesters
   - Will be key for potential SAD
2. Use a combination of harvesting and Chemical application to manage the invasive weed population
   - Harvesting allows us to better reduce bio-mass accumulation that results in muck build-up and suffocating food sources for fish/wild life **(~$17,000)**
     - Single harvest this year (~August 8th) to remove biomass of Starry Stonewort, Chara, and native weeds in the traffic/recreational areas
   - Herbicide use allows us to better manage and significantly reduce invasive weed populations **(~$23,000)**
     - Two herbicide treatments this year
     - ~June 6th to treat Eurasian Milfoil, etc.
     - ~September 12th to treat lilypads, etc.
3. **Provide resident notification of application/harvest dates, including water restrictions two weeks in advance.** Note that yard signs will also be placed in areas where applications will be targeted one day in advance.