

An aerial photograph of a coastal area with a central title box. The title box is a dark brown rounded rectangle with white text. The background is a satellite-style map showing green vegetation, blue water bodies, and roads. Labels on the map include 'Upper Straits Blvd', 'La Playa', 'Shady Beach', 'Elmgate', 'Elmgate Cove', 'Old Orchard Trl', 'Main Fawn', 'Deer Run', 'Bluff', 'Pontiac Trail', 'R.C. Bankers', 'Sur du Lac', 'Straits Lake Hills', 'Whispering Pines', 'Bayside Beach', and 'Lakeside Park'.

# 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 8<sup>th</sup>) 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 6<sup>th</sup> to treat Eurasian Milfoil, etc.
    - ~September 12<sup>th</sup> to treat lily pads, 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.