



Silver Springs Lake Report 2024

PO Box 1134 Minocqua, WI 54548



Executive Summary

- In 2024 the Silver Springs Lake Property Owners Association (SSLPOA) partnered with Aquatic Plant Management LLC (APM) to address the aquatic vegetation population by conducting an herbicide treatment with Aquathol K, manually removal via Diver Assisted Suction Harvesting (DASH) and mechanical harvesting
- On May 16th, 2024, APM treated a total of 2.3 acres at one site with Aquathol K under ideal treatment conditions
- Beginning in June, APM performed 7 days of DASH removing a total of 84 cubic feet of Eurasian Watermilfoil (EWM) and Curly Leaf Pondweed (CLP)
- In June, August, and October, APM conducted 13.4 days of mechanical harvesting throughout 7 bays, and removed 21,945 cubic feet of native vegetation via mechanical harvesting
- The SSLPOA should continue to use an Integrated Pest Management (IPM) approach when evaluating different tools to actively manage its aquatic vegetation population

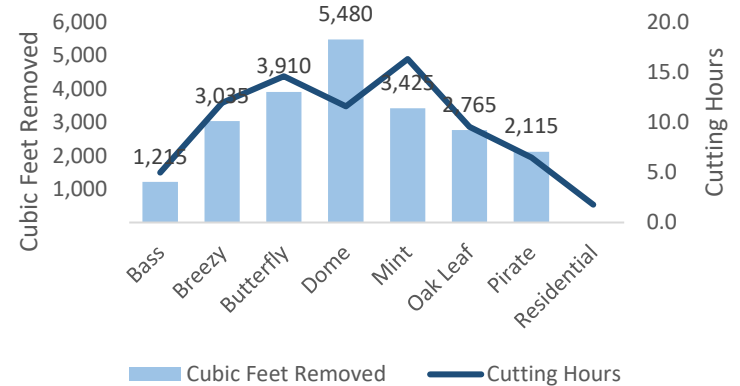


Mechanical Harvest Results 2024

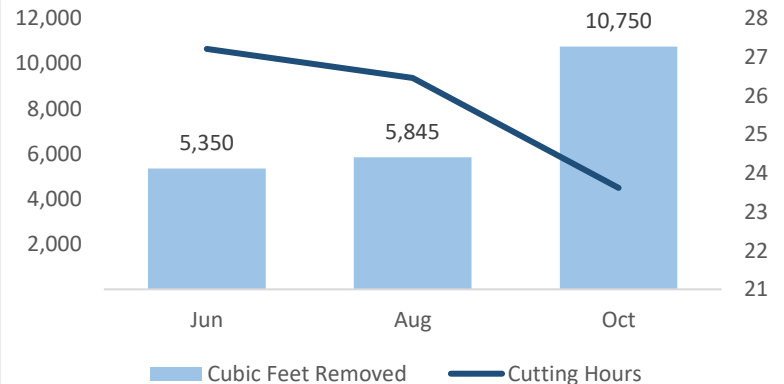
Mechanical Harvesting Highlights

- The harvest team performed three different trips and removed a total of ~22K cubic feet of biomass
- During the first two trips the harvest team focused on solely the navigation channel throughout the circumference of the lake
- During the October visit the team prioritized the navigation channel, getting closer to shore after riparians had removed piers, and in certain sections in the middle of the bays / lake
- The goal of the middle of the bays / lake harvesting was to remove as much biomass as possible to reduce the total amount of nutrients in the lake

Harvest by Site



Harvest by Month



Map of Mechanical Harvest Areas



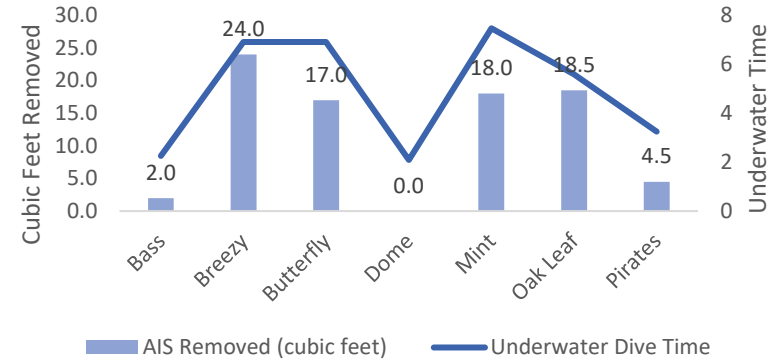


Silver Springs Lake Manual Removal Details

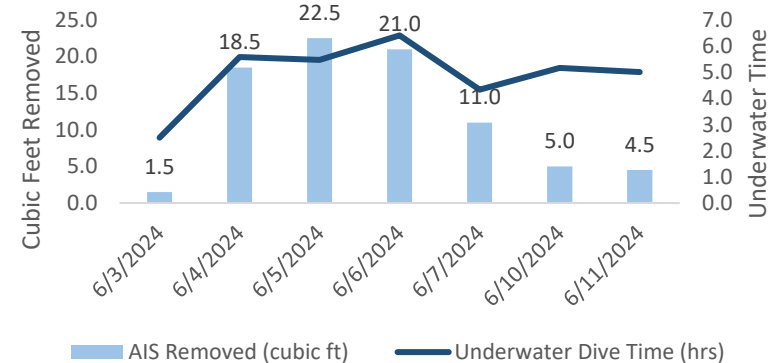
DASH Highlights

- The DASH team focused at removing EWM from mapped locations throughout the lake
- Most EWM was scattered growth with some sections containing larger plant colonies
- During the week of June 3rd, the dive team found unmapped, small Curly Leaf Pondweed (CLP) colonies and removed those as well
- In total the DASH team spent seven days on the water and removed 84 cubic feet of AIS

DASH by Site



DASH by Day



Map of DASH Areas

