

## **Lake Preservation Committee Report - June 2025**

(David Lester – 13June25)

The Lake Preservation Committee (Terry Klaves, David Lester, and Tony Mainiero) can again report that the 2024 Weed Harvesting Program evaluation was a great success.

Onterra conducted an invasive lake weed bed survey and reported that no Chemical Herbicide Treatments or Diver Assisted Suction Harvesting (DASH) will be required in 2025. Weed harvesting alone should provide an adequate level of control for this season. Unexpected and excessive invasive weed bed growth will be managed accordingly. Onterra's 2025 Spring Survey Report is posted on the Association Website: [www.SilverSpringsNeshkoro.com](http://www.SilverSpringsNeshkoro.com)

Aquatic Plant Management (APM) will conduct three weed harvesting campaigns in 2025. Each will be one week (40 Hrs.) in duration. The first will be conducted during the week of June 16<sup>th</sup>. For the first two (June and August) campaigns, APM will use their ILH-250 Weed Harvester to cut and remove weeds and algae from the navigation lane, then use the remaining time to harvest plant mass from the thickest weed beds.

Expanding on the work performed by Onterra, Lake Preservation Committee (LPC) members are mapping weed beds for the June cutting. As this report is being written, lake residents are being recruited to become part of a broader and more 'localized' Lake Conservators Program (LCP). Conceptually, the lake is divided into 11 sections (by drawing lines across the lake map.) [Butterfly Bay and Mint Bay each have two sections. The lead-in area to Dome Bay and Bass Bay is its own section. The center portion of the lake is one section as well.]

Before the August and October weed harvesting campaigns, Lake Conservator(s) for each section will assist LPC Members in Weed and Algae bed mapping. Lake Conservators will also be the lead point of communication in their respective sections for all shoreline maintenance issues. The Lake Conservators will share best practices and coordinate projects for private shoreline weed removal and maintenance.

Bob Noga has joined the Lake Preservation Committee as head of the Fish Stocking Program.

Conservators will also have some input for the fish selection process for the Fish Stocking Program, Starting in 2026. Bob is already at work. A Purchase Order for the fall of 2025 will be placed in July.

Regarding the spread of invasive weed species (EWM & CLP) the LPC anticipates having (DASH) invasive weed removal mandates on a second-year or third-year repeat-basis. The next Chemical pre-treatment and DASH removal of invasive weed beds has been budgeted for 2027.

Our Lake Management Program (Weed Harvesting and DASH) appears to have the long-term potential to decrease the lake's nutrient load, reverse sediment (muck) build-up, reduce overall weed growth, and potentially reverse the lake's long-term maturation rate.

Additional and more aggressive programs, such as Dredging or installing a Sediment Basin by the lake inlet stream, might be considered to get quicker results. Funding will not be available until 2030, to seriously consider and plan this level of activity.

In 2025 we will start a nutrient monitoring program at the lake inlet, to determine whether we should place bags of nutrient absorbing material in the lake inlet stream. This is an affordable program-option that will be implemented, if warranted.

As agreed at the Annual Membership Meeting, and as done in the past, all Members will be advised by Mail, E-Mail and Website Notification, before Chemical Herbicide treatments are made. Again, we do not plans on using chemical herbicides or algicides in 2025.

For more information visit the Association Website, where the LPC's (5-page) 2024 Annual Report, and a (3-page) supplemental Lake Management Program Activity overview are posted.

The Lake Board and LPC members want to thank everyone for acknowledging the importance of this Lake Preservation Program, and for voting to increase the annual dues to support it.