

Horseshoe Lake, Barron/Polk County 2025 Lake Management Project Update



Green(numbered) – 2025 EWM diver removal sites

Yellow dots – 1st 2025 EWM survey points

Purple – 2025 PL beetle release sites

August 16, 2025

Time Lines

• Last 5 Years

- 2020: No herbicide application
- 2021: No herbicide application, scuba and snuba removal
- 2022: No herbicide application, free diver removal
- 2023: Application of ProcellaCOR on 6.07 acres, Free diver removal
- 2024: Application of PCOR and diquat (1.78 acres), 3 days of DASH removal

• 2025

- 5/3: Purple loosestrife beetle setup
- 5/22: 1st EWM survey (LEAPS)
- 6/10: 2nd EWM survey and buoy marking for divers
- 6/11: DiveGuys scuba removal of EWM
- 7/6: Free diving removal of EWM
- 7/13: Echo Lake AIS Event
- TBD: Late summer/fall EWM survey



2025 EWM Removal



Left: Dive Guys – scuba diver EWM removal 6/11/2025

Right: Lana Blumer – free-diving EWM removal 7/6/2025



How much HWM remains?



***need to complete a late summer/fall survey**



Purple Loosestrife

- **Still need to do a 2025 survey with removal**
 - Cutting off the flowering heads
- **Galerucella beetle control project in 2025**



Worst Areas for Purple Loosestrife... STILL



2025 Biological Control of PL (raising beetles)



Biological Control of PL (release 7/10/2025)



Biological Control of PL (2025 release sites)



Zebra Mussels (no change for 2025)

- Burnett/Washburn County
 - Big McKenzie Lake
 - Middle McKenzie Lake
- Polk County
 - Deer Lake, Balsam Lake, Lake Wapogasset
- St. Croix County
 - Bass Lake
- Inspect docks and lifts as they are pulled out for the season!!
- Make sure to ask if the businesses you are using to remove docks and lifts check for zebra mussels.



Landing Issues

**THEY MOVED THE
ROCK!!!!**

I guess this isn't really an issue.



Clean Boats, Clean Waters (through 8/4/2025)

- 85.25 hrs (LEAPS)
- 252 people reached
- 125 boats inspected
- Volunteer time (?)
- **Multiple bass fishing tournaments in 2025 – REALLY?**



Grants

- ACEI 31523 (control)
 - 3/15/2023 to 12/31/2024
 - \$29,473.34
 - **Extended to 12/31/2025**
- No new grants in 2025
- 2026 grant applications
 - Clean Boats, Clean Waters
 - AIS planning and/or control grant application
 - LEAPS is not writing grants anymore!
 - Might help with one
- **Due Date for a Pre-grant is Sept 15, 2025**



2026 and beyond?

- Current grant is complete at the end of 2025.
- New grant application in 2026? Unknown
- Management of HWM in 2026
 - Physical (free diving), diver, or DASH removal.
 - Possible herbicide application depending on late summer survey results.
- APM Plan is good through 2027
- Is a new grant needed?
 - Probably not in 2026
 - Will need one in 2027 to update the Aquatic Plant Management Plan



The End

Any Questions?

***Send them to Joe and he will forward them to me!**

Thanks! Dave Blumer

