

Horseshoe Lake Public Inland Lake Protection and Rehabilitation District 2021 Annual Meeting

9:30 AM September 18, 2021 at Beaver Town Hall

Masks required for in-person attendees.

For individuals unable or unwilling to attend in person, you can join via Zoom:

Join Zoom Meeting Online

www.zoom.us (will need to install to access)

Meeting ID: 517 497 2023

Passcode: Hlake2021

Call In (voice only)

Dial in: +1 651 372 8299

Meeting ID: 517 497 2023

Passcode: 475933379

Agenda

- Horseshoe Lake Year-in-Review
- Review of 2021 expenses
- Lake “Health” update - Dave Blumer
- Update on 2020-21 grants
- Township park/boat landing update
- Discussion and approval of 2022 budget
- Election of one commissioner position
- Updating Lake Directory

2021 Projected Expenses, 2022 Proposed Budget:

Our Five-Year Lake Management Plan required by the DNR will be completed by the end of the year. We have several expenses left to pay for but have a 75% DNR planning grant which to offset a significant portion of these expenses. Several 2020 lake management expenses ended up getting paid in 2021 (which is why the 2021 expenses is higher).

We did not spray for milfoil in 2021 but have some small persistent areas to treat in 2022. Because we didn't spray, we save \$3000 on pre- and post-applications surveys (which is why grant reimbursement is less than expected).

Below is proposed expense budget for 2022. We currently expect to have appr. \$12,000 left in checking once our grant reimbursements are received. The net tax needed for 2022 can be reduced by carryover funds (to be determined).

Expense Category	2021 Budget	2021 Est*	2020 Proposed
Lake Management Activities *	\$10,500	\$9,800	\$3,600
Lake Surveys and HWM Bed mapping*	\$3,000	\$7,000	\$1,500
Grant Reimbursements (75%)*	(\$11,000)	(\$8,402)	\$0
Boat Landing Monitoring (CWCB)*	\$1,000	\$0	\$1,000
Invasive Species control/treatment**	\$6,000	\$634	\$6,000
Mailings/Misc Exp/Website, etc	\$1,300	\$900	\$1,300
Lake District Liability Insurance	\$1,200	\$1,122	\$1,200
Boat landing improvements?	\$0	\$0	\$0
Interest, Boat Landing donation	(\$250)	(\$156)	(\$150)
Proposed Gross 2020 Expense Budget	\$11,750	\$10,898	\$14,450

* Grants related expenses/planned

** 5- year average of invasive species control costs. Lake District has a \$12,500 Emergence Invasive Species Control Fund (from HLIA) if more treatment is required.

Per Chapter 33.30(4)(a), net budget amount is apportioned among property within district on basis of equalized value. With appr. \$55M total valuation in lake district, each \$5000 in budget would equal appr. \$9 per \$100,000 in property valuation.

Election of Board of Commissions:

We need to elect one commissioner to a three-year term (Joe Waldo's term is expiring). Any person owning property within district to be eligible for membership on the board of commissioners. **To nominate yourself or a candidate**, please contact Pam Nelson pjninsurance@gmail.com no later than 4PM September 15, 2020 to be added to ballot.

Boat Land Improvements

Want to have discussion of whether lake district members are willing to invest in cleaning up and regrading park are for improved access. 50-50 DNR Grant might be available. Also discuss new Polk County rules regarding decontamination stations.

Lake Directory

Updating information on lake property owners for improved and more timely communications. Please update the enclosed contact information and either bring it to the meeting, mail to P.O. Box 304, Turtle Lake, WI 54889 or email to hlake.treasurer@gmail.com.

Go to <http://hlake.org/> for current information on the lake district activities. Join and **follow our Facebook page** by searching **Horseshoe Lake Public Inland Lake Protection and Rehabilitation District**

Horseshoe Lake, Barron/Polk Counties AEPP Grant- 2020 and 2021

Description	When	Lake Organization Responsibilities	Consultant Responsibilities
Whole-lake, warm-water PI survey	2020 only	Review PI survey reports	Review PI reports and provide general support for PI survey
Surface water sampling including TP, Chl-A, Secchi, DO, and Temp May- Oct	May- Oct (2020, 2021)	Monthly collection of water quality samples May-October, and entering data into SWIMS	Volunteer training and extended chemistry supply preparation and delivery
Collection of bottom water samples for Phosphorus and Iron testing at three sites	Aug-Oct (2020 only)	Collect and ship water samples	Volunteer training and sampling material delivery
Installation of staff gauge and recording of water level	2020 and 2021	Volunteer tracking and recording of water level on a weekly basis	Consultant support for water level tracking
Meeting to discuss 2019 storm damage repair projects	Held in June 2021	Hold special meeting for property owners	Consultant support for property owner education
Re-evaluation of coarse woody habitat in and around the lake	Fall 2020 or spring 2021	Volunteer assistance for woody habitat survey	Conduct coarse woody habitat survey and process data collected
Create and post AIS education and information on LD webpage/ Facebook	Apr- Oct (2020, 2021)	Create and post AIS education and information on LD webpage/ Facebook	Consultant support and assistance creating/finding educational material
At least one summer workshop to teach property owners how to identify AIS and physically remove them	Jun-Aug (delayed to 2021)	Sponsor and promote AIS workshop	Consultant support and assistance for workshop
Review AIS signage and other aspects of public access at the public boat landing	2020 and 2021	Complete AIS signage and public access review using WDNR Aquatic Invasive Species Signage Report - Form 3200-152	NA
Repair, and replace AIS signage at the public boat landing	2021	Repair, and replace AIS signage at the public boat landing based on findings of review	NA
ZM prevention, monitoring, and education	2020 and 2021	Install and monitor ZM plate sampler, setup decontamination station, and provide property owner education about prevention and monitoring of ZM	Consultant support for ZM prevention and education
CBCW (separent grants)	2021 (2020 limited)	Complete 200 hours of CBCW time at public access and enter data into SWIMS database	NA
CLMN shoreline and littoral zone AIS monitoring	May- Oct (2020, 2021)	Trained volunteer surveys of shoreline and littoral zone and entry of all data into SWIMS	Volunteer training and support for AIS surveys
Purple loosestrife surveys and removal	July-Sept (2020, 2021)	Volunteer surveys of PL around shoreline with GPS and physical removal where possible	Consultant support and training for PL surveys and mapping
HWM management planning for chemical treatment	Feb-Apr (2020,2021)	review and approval of HWM management plan	Prepare and modify (when needed) chemical management plan for HWM
Preparation of WDNR herbicide application permit	Mar May (2020, 2021)	Review of and assistance preparing WDNR permit	Prepare the WDNR permit
Pre/Post treatment point intercept surveys	Apr June (2020, 2021)	Volunteer to assist Aquatic Plant Surveyor and review of reports	Consultant support for pre/post tretment PI survey work
Fall HWM bed mapping locating HWM beds, high density areas, and individual HWM plants	Sept-Dec (2020, 2021)	Volunteer to assist Aquatic Plant Surveyor and review of reports	General support from Consultant for survey
Complete an update of current APM plan	Complete by end of 2021	Review APM plan update	Complete update of current APM plan and submit to WDNR for approval
Informing LD constituents of grant and management activities	2020 and 2021	Posting and maintaining information on LD webpage/ Facebook page	Consultant support for maintaining accurate information
General project management and administration	2020 and 2021	LD administration of this project including general record keeping and final reimbursement requests	Consultant meeting preparation and attendance, daily phone and email communications, and annual project updates.

ZM- Zebra mussel

PL- Purple loosestrife

APM - Aquatic Plant Management

AIS - Aquatic Invasive Species

CLMN - Citizen Lake Monitoring Network

PI- Point-Intercept

LD- Lake District

CBCW- Clean Boats, Clean waters

DO/temp - Dissolved oxygen/temperature profiles