

Recommended Implementation and Funding Plan for the Poskin Lake Aquatic Plant Management Plan

Goals/Objectives/Actions		Healthy Lakes Grant	CBCW Grant	AIS Education Grant	AIS Control Grant	LPL Grant	Implementers	2020	2021	2022	2023	2024
1. Prevent the expansion of curly-leaf pondweed in Poskin Lake												
1.1 Document changes in CLP distribution and density												
1	PLA volunteers will complete CLP bedmapping in mid to late June each year to compare annual changes.			x		x	PLA, RP	x	x	x	x	x
2	The PLA will hire a specialist to complete a cold-water, CLP, point-intercept survey in 2023 and compare to results from the 2018 survey.			x		x	PLA, RP				x	
1.2 Reduce the current (2018) distribution and density of CLP in Poskin Lake to the point where there are no beds >1 acre in size with a rakehead density of 2 or more.												
1	The PLA will implement a 3-yr chemical treatment plan that includes areas that are ≥1 acre with a rakehead density of 2 or more based on prior year CLP bedmapping results.						PLA, RP	x	x			
2	The PLA and individual property owners will complete small-scale, manual removal of CLP in nearshore areas.						PLA	x	x	x	x	x
1.3 Implement native plant management that will increase usability of the lake while minimizing damage to the native ecosystem.												
1	Implement an annual native plant harvesting program to maintain 20-ft navigation lanes in two areas of the lake.						PLA, RP	x	x	x	x	x
2. Maintain or improve current (2018) measurements of the health of the native aquatic plant community in Poskin Lake.												
2.1 Compare measurements of the health of the native aquatic plant community in Poskin Lake prior to and after a multi-year CLP management project.												
1	The PLA will hire a specialist to complete a summer, whole-lake, littoral zone, point-Intercept Survey in 2023 and compare results to previous whole-lake, point-intercept survey results in 2018.			x		x	PLA, RP				x	
2	The PLA will monitor and map known wild rice populations annually and survey the entire shoreline/littoral area for wild rice in 2020, 2022, and 2024.			x		x	PLA, RP	x	x	x	x	x
3. Maintain or improve current (2018) measurements of the health of the native aquatic plant community in Poskin Lake.												
3.1 Compare measurements of the health of the native aquatic plant community in Poskin Lake prior to and after a multi-year Aquatic Plant management project.												
1	The PLA will hire a specialist to complete a summer, whole-lake, littoral zone, point-Intercept Survey in 2023 and compare results to previous whole-lake, point-intercept survey results in 2018.			x	x	x	PLA, RP				x	
2	The PLA will monitor and map known wild rice populations annually and survey the entire shoreline/littoral area for wild rice in 2020, 2022, and 2024.			x	x	x	PLA, RP	x		x		x
4. Monitor changes in the water quality of Poskin Lake.												
4.1 Maintain or improve measurements of water quality in Poskin Lake including Secchi, temperature, dissolved oxygen, total phosphorus, and chlorophyll a.												
1	The PLA will continue to participate in the expanded level of the Citizen Lake Monitoring Network (CLMN).			x		x	PLA	x	x	x	x	x
5. Reduce the threat that new aquatic invasive species will be introduced into and go undetected in Poskin Lake.												
5.1 Complete watercraft inspection time annually and maintain applicable AIS signage at the two Poskin Lake boat landings to educate boaters and other lake users about AIS and how they are transferred from lake to lake.												
1	The PLA will implement a Clean Boats, Clean Waters programs annually with a goal of up to 200 hours or more between the two landings.		x				PLA, RP	x	x	x	x	x
2	The PLA will inspect, maintain and/or improve AIS signage at all landings annually.			x		x	PLA	x	x	x	x	x
5.2 Locate and identify any new AIS that may be introduced to Poskin Lake as early as possible.												
1	The PLA will implement an AIS Monitoring Program annually following guidelines provided by the Citizen Lake Monitoring Network.			x		x	PLA, RP	x	x	x	x	x
5.3 Increase opportunities for the PLA constituency, property owners, visitors, and other lake users to be made aware of and learn about AIS.												
1	The PLA will annually distribute AIS education and identification materials to PLA constituency via newsletters, with social media outlets, at local businesses and during meetings and other events attended by PLA members.			x			PLA, RP, WDNR	x	x	x	x	x
2	The PLA will plan and implement at least one event/opportunity annually for the PLA constituency and other community members to learn how to look for and identify AIS; learn who to report new findings too; and learn how to properly remove what they find from the lake.			x			PLA, RP, WDNR	x	x	x	x	x
5.4 Determine a plan of action to follow if a new AIS is discovered in Poskin Lake.												
1	The PLA will develop, maintain, and update as necessary, a formal AIS Rapid Response Plan in the first year covered by this plan.			x	x	x	PLA	x				
6. Promote and support nearshore, riparian, and watershed best management practices that will improve fish and wildlife habitat, reduce runoff, and minimize nutrient loading into Poskin Lake.												
6.1 Adopt State of Wisconsin Healthy Lakes Initiative.												
1	Apply for at least one Wisconsin Healthy Lakes Initiative Grants over the next five years to support projects that will improve fish and wildlife habitat and reduce runoff into Poskin Lake in the next five years.	x					PLA, RP	x		x		
7. Assess the progress and results of this project annually and report to and involve other stakeholders in planning efforts.												
7.1 Build and support new and existing partnerships each year.												
1	The PLA will communicate with local, county, and state entities; schools and local business; clubs and organizations, etc. to generate support for management actions.			x		x	PLA, CS	x	x	x	x	x
7.2 Complete annual project activity and assessment reports.												
1	The PLA and their Consultant will prepare end-of-year reports summarizing the management actions completed and how they impacted the lake and share/review them with the PLA constituency, partners, and the WDNR.			x		x	PLA, RP	x	x	x	x	x
7.3 Provide multiple opportunities and venues annually for lake residents, users, and other partners to keep informed about management planning and implementation activities.												
1	The PLA will distribute annually management planning and implementation information to PLA constituency via newsletters, with social media outlets, at local businesses, and during meetings and other events attended by PLA members.			x		x	PLA	x	x	x	x	x
Implementers: PLA, Poskin Lake Association; CS, Community Stakeholders; RP, resource professionals/consultant; WDNR, Wisconsin Department of Natural Resources; CLMN, Citizen Lake Monitoring Network; AIS, aquatic invasive species; CBCW, Clean Boats, Clean Waters; CLP, Curly-leaf Pondweed; APM, Aquatic Plant Management; PI, point intercept; AEPP, AIS Education Prevention and Planning grant												