

## Recommended Implementation and Funding Plan for the Lower Turtle 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
<b>1. Support and implement aquatic plant management efforts that minimize negative impacts to the native plant communities.</b>												
1.1 Monitor the distribution of CLP in Lower Turtle Lake annually												
1	CLP bed mapping surveys conducted annually			x	x	x	LTLMD, RP	x	x	x	x	x
1.2 Prevent the expansion of CLP in Lower turtle Lake												
1	The LTLMD will implement a 3-yr chemical treatment plan that includes areas outside of the outlet area that are ≥1 acre with a rakehead density of 2 or more based on prior year CLP bedmapping results.				x		LTLMD, RP	?	?	?	?	?
1.3 Maintain or improve current (2018) measurements of native aquatic plant community health in Lower Turtle Lake.												
1	Compare measurements of the health of the native aquatic plant community in Lower Turtle Lake prior to and after a multi-year aquatic plant management project			x	x	x	LTLMD, RP				x	
<b>2. Maintain summer and late season access to open water</b>												
1	Harvest up to 3 acres of aquatic vegetation from predetermined navigation and open water access channels totaling no more than 1.25 miles in length.						LTLMD, RP	x	x	x	x	x
2	Aquatic plant harvesting using small-scale cutting equipment that can be mounted to a boat, and requires physical removal of cut vegetation as a separate action.						LTLMD	x	x	x	x	x
3	LTLMD will encourage hysical removal of native aquatic vegetation by land owners						LTLMD	x	x	x	x	x
<b>3. AIS education and prevention</b>												
3.1 Prevent new AIS from entering and becoming established within Lower Turtle Lake												
1	Implement Clean Boat Clean Waters		x	x	x	x	LTLMD	x	x	x	x	x
3.2 Support an AIS education and information program for lake property owners and lake users												
1	Develop and distribute at least two newsletters updating AIS and other LTLMD activities			x	x	x	LTLMD	x	x	x	x	x
2	Host at least one annual meeting and maintain open LTLMD Board meetings						LTLMD	x	x	x	x	x
3	Host an Annual Lake Fair to promote public involvement in lake activities			x	x	x	LTLMD	x	x	x	x	x
4	Maintain a Lower Turtle Lake Association webpage and/or social media page						LTLMD	x	x	x	x	x
3.3 Establish and maintain AIS monitoring efforts												
1	Install, maintain, and/or improve AIS signage at both public access points			x	x	x	LTLMD	x	x	x	x	x
2	Establish and maintain an in-lake and shoreline AIS monitoring program following CLMN guidelines			x	x	x	LTLMD	x	x	x	x	x
3	Follow established AIS early detection and response plan						LTLMD	x	x	x	x	x
<b>4. Monitor changes in the water quality of Lower Turtle Lake.</b>												
4.1 Maintain or improve measurements of water quality in Lwoer Turtle Lake including Secchi, temperature, dissolved oxygen, total phosphorus, and chlorophyll a.												
1	The LTLMD will continue to participate in the expanded level of the Citizen Lake Monitoring Network (CLMN).			x	x	x	LTLMD	x	x	x	x	x
<b>5. Promote and support nearshore, riparian, and watershed best management practices that will improve fish and wildlife habitat, reduce runoff, and minimize nutrient loading into Lower Turtle Lake.</b>												
5.1 Adopt State of Wisconsin Healthy Lakes Initiative.												
1	Officially adopt the Wisconsin Healthy Lakes Initiative during the next annual meeting of the LTLMD						LTLMD, RP	x				
2	Install two Healthy Lakes Best Management Practices each year and 5 fish sticks projects within the next 5 years	x					LTLMD, RP	x	x	x	x	x
<b>6. Assess the progress and results of this project annually and report to and involve other stakeholders in planning efforts.</b>												
6.1 Complete annual project activity and assessment reports												
1	Use reports to make recommendation for annual revisions and updates to the APM Plan			x	x	x	LTLMD, RP	x	x	x	x	x
6.2 Complete an End-of-project Summary Report												
1	Overall review of project successes and failures						LTLMD, RP	x	x	x	x	x
2	Complete early and mid-season whole-lake point-intercept survey of all plants.			x	x	x	LTLMD, RP	x	x	x	x	x
3	Revise or rewrite APM Plan as needed.			x	x	x	LTLMD, RP	x	x	x	x	x
6.3 Develop partnerships to support management implementation												
1	Communicate with local, county, and state entities; schools and local business; clubs and organizations, etc. to generate support for management actions.			x	x	x	LTLMD	x	x	x	x	x
2	Share results with partners from Action 1						LTLMD	x	x	x	x	x

Implementers: LTLMD, Lower Turtle Lake Management district; 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