

Recommended Implementation, Funding, and Priority Plan for the Little Trade Lake Aquatic Plant Management Plan (11-28-2017)

Goals/Objectives/Actions	Priority Level (set by theRTLIA)	AIS Education Grant	AIS Control Grant	LPL Grant	Healthy Lakes Grant	Implementers	2018	2019	2020	2021	2022
1. Promote and support aquatic plant management strategies that will control the spread of aquatic invasive species without negatively impacting native vegetation in Little Trade Lake											
1.1 Keep level of EWM to below one acre as indicated by fall annual late summer point-intercept (PI) aquatic plant survey of the littoral zone.											
1	Early season small-scale (<10 acres) or large scale (>10 acres) herbicide application		x			RTLIA, RP, WDNR	x	x	x	x	x
2	Physical Removal of EWM					RTLIA	x	x	x	x	x
3	EWM surveys		x	x	x	RTLIA, RP	x	x	x	x	x
1.2 Minimize negative impacts caused by dense growth CLP											
1	Early season small-scale herbicide application (w/EWM)		x			RTLIA, RP, WDNR	x	x	x	x	x
2	Early season small or large-scale CLP treatment outside of EWM treatment areas		x			RTLIA, RP, WDNR	x	x	x	x	x
3	CLP surveys		x	x	x	RTLIA, RP	x	x	x	x	x
1.3 Annual Summer Aquatic Plant Surveying											
1	Summer Littoral Point-Intercept Survey		x	x	x	RTLIA, RP	x	x	x	x	x
2. Reduce the threats that existing AIS will leave the lake; that new aquatic invasive species will be introduced into the lake; and that new AIS introduced to the lake will go undetected in the lake.											
2.1 AIS Monitoring											
1	Participate in CLMN AIS monitoring		x	x	x	RTLIA	x	x	x	x	x
2	Implement fall dock and boatlift zebra mussel survey		x	x		RTLIA	x	x	x	x	x
2.2 AIS Education											
1	Distribute AIS education and identification materials		x	x		RTLIA, WDNR, BurCo	x	x	x	x	x
2	Plan and implement AIS identification and physical removal workshops			x		RTLIA, RP	x	x	x	x	x
2.3 AIS Control											
1	Implement physical removal or other approved management techniques when necessary		x	x		RTLIA	x	x	x	x	x
3. Promote and support nearshore, riparian, and watershed best management practices that will improve fish and wildlife habitat, reduce runoff, and minimize nutrient loading into Little Trade Lake											
3.1 Implement State of Wisconsin Healthy Lakes Initiative											
1	Complete a Shoreland Habitat Assessment on Little Trade Lake					RTLIA	x				
2	Promote Healthy Lakes projects based on the results of the Shoreland Habitat Assessment				x	RTLIA	x	x	x	x	x
3	Apply for Healthy Lake grant funding to support projects that improve shoreland habitat and reduce runoff into the lake					RTLIA, RP, WDNR	x	x	x	x	x
4	Work with the developers/purchasers of the new lots on the east and northeast shore (if necessary) of the lake to encourage best management practices to maintain lake health					RTLIA, BurCo	x	x	x	x	x
3.2 Direct attention to water quality issues and how they could be addressed											
1	Research existing water quality, watershed, and nearshore condition of the lake				x	RTLIA, RP	x				
2	Determine what information is needed to move water quality planning forward				x	RTLIA, RP	x				
3	Consider application for lake management planning grant funding to support initial water quality management data collection and planning				x	RTLIA, RP	x				
4. Complete appropriate and on-going tracking, monitoring, and management strategy modification to allow for thorough evaluation of management actions, and determinations that those management actions are on target, on track, on schedule, on budget, and within expected parameters											
4.1 Continue water quality testing for Secchi, temperature, dissolved oxygen, total phosphorus, and chlorophyll a at the Deep Hole in Little Trade Lake											
1	Continue involvement in the Citizen Lake Monitoring Network (CLMN)		x	x	x	RTLIA	x	x	x	x	x
2	Purchase a Temp/DO meter to support water quality testing on Little Trade Lake			x	x	RTLIA	x				
4.2 Complete Annual Project Activity and Assessment Reports											
1	The RTLIA and their Consultant will prepare end-of-year reports summarizing the management actions taken and how they impacted the lake.				x	RTLIA, RP	x	x	x	x	x
2	Review end of year summary reports with the RTLIA and WDNR to determine following year management actions.				x	RTLIA, RP, WDNR	x	x	x	x	x
5. Encourage and engage lake residents and visitors to be active lake stewards.											
5.1 Promulgate behavior change in residents in the following areas: AIS, shoreland development, aquatic vegetation, and responsibility for the lake											
1	Encourage lake residents to understand AIS concerns, learn to identify AIS, watch for and identify AIS in the lake, and report what they find and/or remove		x	x	x	RTLIA	x	x	x	x	x
2	Encourage boaters to implement appropriate AIS prevention strategies on their watercraft; observe no-wake rules for boats and PWC close to shore and to each other; and be considerate of others on the lake		x	x	x	RTLIA	x	x	x	x	x
3	Encourage lake residents to let vegetation in the water grow and to plant native plants along their shore		x	x	x	RTLIA	x	x	x	x	x
4	Encourage lake residents to care for their lake, not just their lawn		x	x	x	RTLIA	x	x	x	x	x
6. Implement the Little Trade Lake Lake Management Plan effectively and efficiently with a focus on community and constituent education, information, and involvement.											
6.1 Build and support partnerships											
1	Work with WDNR, Burnett County, Town of Trade Lake, local businesses, contractors, and other resources to support management action				x	RTLIA	x	x	x	x	x
6.2 Keep lake residents informed about plan activities											
1	Continue supporting Little Trade Lake involvement in the RTLIA					RTLIA	x	x	x	x	x
2	Continue reaching out to the lake constituency to inform and seek input for management action					RTLIA	x	x	x	x	x
6.3 Select cost effective implementation actions											
1	Work within the budget constraints to establish the best management actions to implement annually					RTLIA, RP	x	x	x	x	x
2	Apply for State of Wisconsin grant funding to support education, planning, and management implementation		x	x	x	RTLIA, RP	x	x	x	x	x
Implementers: RTLIA, Round-Trade Lakes Improvement Association; RP, resource professionals/consultant; BurCo, Burnett County; WDNR, Wisconsin Department of Natural Resources; CLMN, Citizen Lake Monitoring Network; AIS, aquatic invasive species; EWM, Eurasian Water Milfoil; CLP, curly-leaf pondweed; DO, dissolved oxygen; BMP, best management practice; LPL, lake management planning											