

Recommended Implementation, Funding, and Priority Plan for the Clam Lakes Aquatic Plant Management Plan (2022-26)

Goals/Objectives/Actions	Priority Placement			Primary Implementers	Year of Implementation					WDNR Surface Water Education and Planning Grants							WDNR Surface Water Restoration and Management Grants					Other	
	High (1st)	Med (2nd)	Low (3rd)		2022	2023	2024	2025	2026	Education	Planning	Comprehensive Planning	AIS Prevention	Clean Boats Clean Waters	Population Management	Early Detection & Response	Research and Demonstration	Healthy Lakes & Rivers	Restoration	Management Plan Implementation	Fee Simple Land Easement and Acquisition		Wetland Restoration Incentives
Goal 1: Protect, preserve, and enhance native aquatic plant communities in the Clam Lakes including wild rice.																							
1 Maintain or increase three measurements of the quality of the native aquatic plant community: FQI, mean C, and # of native aquatic plant species w/visual and boat survey, based on values from the 2019 Whole-lake, Summer Point-intercept, Aquatic Plant Survey																							
1	Complete management planning annually with the intent to minimize negative impacts of management implementation on native aquatic vegetation.				CLPD, RP	x	x	x	x	x	x												
2	Continue education efforts aimed at changing attitudes of lake property owners and lake users as it relates to the importance of aquatic vegetation in the Clam Lakes for water quality, invasive species control, and improved fish and wildlife habitat.				CLPD	x	x	x	x	x	x												
2 Maintain the distribution and density of wild rice in both lakes at 2019 levels or better																							
1	Support SCTES efforts to protect, enhance, and restore historic wild rice beds				CLPD, SCTES	x	x	x	x	x													
2	Continue property owner and Lake User education efforts aimed at establishing the importance of wild rice as a resource in the Clam Lakes				CLPD, SCTES	x	x	x	x	x	x												
3	Establish "no wake zones" during the floating-leaf stage of wild rice development to help minimize dislodging events caused by watercraft generated waves				CLPD, BurCo, SCTES	x	x	x	x	x		x											
Goal 2: Prevent CLP in Upper Clam Lake from expanding to levels where it might cause navigation issues or hinder native aquatic plant growth.																							
1 Reduce navigational impairment and negative impacts to native aquatic plants caused by dense growth CLP																							
1	Complete annual bedmapping of CLP (May 15 - June 15)				CLPD, RP	x	x	x	x	x		x											
2	Implement physical/manual removal as outlined in the APM and move to the next action if/when a problem area is determined to be too large for physical/manual removal to be effective.				CLPD, RP	x	x	x	x	x													
3	Harvest all accessible CLP beds (May 1-June 30)				CLPD	x	x	x	x	x													
4	Prepare a WDNR aquatic plant harvesting permit annually, and once approved, implement large-scale harvesting				CLPD, RP	x	x	x	x	x		x											
Goal 3: Prevent CLP in Lower Clam Lake from expanding to levels where it might cause navigation issues or hinder native aquatic plant growth.																							
1 Reduce navigational impairment and negative impacts to native aquatic plants caused by dense growth CLP																							
1	Complete annual bedmapping of CLP (May 15 - June 15)				CLPD, RP	x	x	x	x	x		x											
2	Implement physical/manual removal as outlined in the APM and move to the next action if/when a problem area is determined to be too large for physical/manual removal to be effective.				CLPD, RP	x	x	x	x	x													
3	Harvest all accessible CLP beds (May 1 - June 30)				CLPD	x	x	x	x	x													
4	Prepare a WDNR aquatic plant harvesting permit annually, and once approved, implement large-scale harvesting				CLPD, RP	x	x	x	x	x		x											
Goal 4: Improve the efficiency of the Clam Lakes CLP harvesting program.																							
1 Improve and increase harvesting capabilities																							
1	Purchase a third mechanical harvester				CLPD	x	x	x	x	x													x
2	Install a portable GPS tracking unit on each of the harvesters owned by the CLPRD				CLPD	x	x	x	x	x													x
2 Determine the most effective harvesting strategy to reduce CLP annually and over time.																							
1	Develop and complete a research and demonstration project focused on harvesting depth and its impacts on CLP.				CLPD	x	x	x	x	x													
3 Determine if harvesting operations are reducing the number of CLP turions in the sediment over time																							
1	Work with a consultant/contractor to plan and implement a repeatable CLP turion density monitoring program				CLPD	x	x	x	x	x		x											
Goal 5: Improve access to open water through dense growth native aquatic vegetation for property owners along the Clam Lakes.																							
1 Improve access to open water for property owners and Lake Users on both lakes.																							
1	Open up a combined 7.66 miles of navigation and access lanes in both lakes (June 15 - September 15)				CLPD	x	x	x	x	x													
2	Open up an access lane from the inlet of the Clam River to Upper Clam Lake (June 15 - September 15)				CLPD	x	x	x	x	x													
4	Prepare a WDNR aquatic plant harvesting permit annually, and once approved, implement large-scale harvesting				CLPD, RP	x	x	x	x	x		x											
Goal 6: Prevent purple loosestrife from taking over any of the shoreline or wetlands around the Clam Lakes.																							

1 Allow no new purple loosestrife plants to remain along the greater shoreline of the lakes																				
1	Survey the shoreline of both lakes at least once a year between July 20 and Aug 20				CLPD, RP	x	x	x	x	x	x									
2	Physically remove pioneering plants that are easily accessible and attempt to pull or dig-up the entire plant, root and all				CLPD, RP	x	x	x	x	x										
3	Cut off flower heads and bulk of the stem from any plants identified during the survey				CLPD, RP	x	x	x	x	x										
2 Establish a viable population of Galerucella beetles in areas where purple loosestrife plants are too numerous to physically or chemically remove.																				
1	Implement a biological control rearing program with Lake District volunteers and aided by the Burnett County AIS Coordinator and the Siren School District.				CLPD, RP, SSD, BurCo	?	?	?	?	?	x									
Goal 7: Minimize negative impacts to the existing bluegill fishery caused by aquatic plant management actions in the Clam Lakes.																				
1 See no decline in the current bluegill population in the Clam Lakes																				
1	Promote physical removal of nuisance aquatic plants close to the shore (<3-ft)				CLPD	x	x	x	x	x	x									
2	Discuss with and seek input from the WDNR, SCTES, and other fisheries personnel before, during, and after aquatic plant management planning and implementation				CLPD, RP	x	x	x	x	x		x								
2 Support SCTES and WDNR efforts to monitor and manage the carp population																				
1	Continue to be a part of the dialogue surrounding carp management and planning implementation				CLPD	x	x	x	x	x										
2	Perpetuate financial, logistical, and resource support for carp management efforts by keeping the CLPRD constituency informed and involved				CLPD, SCTES, WDNR	x	x	x	x	x		x								
3 Improve in-lake habitat for fish and wildlife by installing coarse woody habitat (Fishsticks) projects																				
1	Map the shoreline of Clam Lakes and document the location of all coarse woody structure.				CLPD, RP	x	x					x								
2	Provide educational materials to lake property owners and users that state the benefits of coarse woody habitat in a lake				CLPD		x	x	x	x	x									
3	Promote and support the installation of Fishsticks projects through the Healthy Lakes and Rivers grant program.				CLPD		x	x	x	x									x	
Goal 8: Minimize opportunities for new AIS to enter and become established in the Clam Lakes.																				
1 Improve the level of knowledge lake property owners and lake users have related to AIS and how they are and could impact the lakes.																				
1	Host and/or sponsor annual lake community events including AIS identification and management workshops				CLPD, BurCo, R	x	x	x	x	x	x									x
2	Distribute education and information materials to lake property owners and lake users through the newsletter, webpage, social media, and general mailings				CLPD, BurCo, R	x	x	x	x	x	x									x
2 Implement a watercraft inspection and AIS signage program at all public and private access sites.																				
1	Incorporate a CLMN/UW-Extension Lakes Clean Boats, Clean Waters program at the Hwy 70 Boat Landing on Lower Clam Lake				CLPD, BurCo, WDNR	x	x	x	x	x										x
2	Evaluate and update signage at all public access points on the lakes				CLPD	x	x													x
3	Work with resorts on the lake with private accesses to post signage and encourage watercraft inspection				CLPD	x					x									x
4	Install an AIS Decontamination Station at the Hwy 70 Boat Landing				CLPD	x					x									x
3 Implement an in-lake and shoreland AIS monitoring program in the lakes																				
1	Participate in the CLMN/UW-Extension Lakes AIS Monitoring Program to support in-lake monitoring efforts				CLPD, RP, BurCo, WDNR	x	x	x	x	x										
Goal 9: Reduce pollutant loading into the Clam Lakes.																				
1 Promote shoreland improvement projects in the nearshore area that will reduce surface runoff and pollutants entering the lakes.																				
1	Promote property owner participation in the Burnett County Shoreland Incentive Program				CLPD, BurCo	x	x	x	x	x	x									x
2	Promote property owner participation in projects supported by the Healthy Lakes and Rivers grant program				CLPD, WDNR		x	x	x	x	x									x
3	Recognize property owners who participate in and/or complete runoff and pollutant reduction practices				CLPD, WDNR, BurCo		x	x	x	x	x									x
2 Reduce disturbances to bottom sediments in the Clam Lakes																				

