

Clearwater Lake - Lake Health Calendar 2021

Action Item	Purpose	Frequency	Timing	Owner	Cost
Nokasippi River Headwaters Management	Keep outbound water flowing by monitoring and removing any impediments (boggs, beaver dams and trapping)	Monthly	April - Oct	Lake volunteer	\$500
Loon Nesting	Provide safe habitat for loons	Annual	April - June	Lake volunteer	\$0
Secchi depth readings	Record water clarity / depth	Annual	July	Lake volunteer	\$0
Water Quality	3rd party lab testing; chemical composition and temperature readings; assess issues; trend analysis	5 years; 2011, 2016, 2021		RMB Labs, Brainerd	\$500
Fisheries Catch Summary	Trend analysis	2019		DNR	\$0
Aquatic Vegetation	Aquatic plant mapping	10 years; 1995, 2015		DNR	\$0
	Identify aquatic plants, % frequency and distribution throughout lake. Establish baseline	3 years; 2018, 2021	Aug/Sept	RMB Labs, Brainerd	\$2,500
Invasives/Milfoil Survey	Identify extend of invasive vegetation	Annual	July/Aug	Freshwater Scientific Services	\$1,450
Invasive Vegetation Treatment	Treat invasive vegetation	Annual or selective (when needed)	Sept/Oct		\$0-40k based on treatment area
Shore Survey	Lakeshore habitat identifying sensitive lakeshore and shoreland	2011, 2015		DNR	\$0
	Shoreline erosion; lake nutrient levels; septic leakage	2009, recommend every 5 years?	Winter	TBD	TBD