

Caribou Lake Management Plan 2012 Report Card of CLPOA Activity

Water Quality

- 1) Annual sampling results (2011)
 - (a) Tot phosphorus—goal—15ppb/summer avg—18.2ppb
 - (b) Chlorophyll-a—goal—8ppb/summer avg—6.3ppb
 - (c) Clarity—goal—6 ft/summer avg—6.6 ft (larger is better)
- 2) Discussions with MPCA and other experts to better understand lake character and dynamics— suggestions to sample water near lake bottom and temperature profile at deepest lake site. Acquired deep water sampling equipment; sampling and profile done this August.
- 3) Working with County Soil & Water Conservation District (SWCD) on County Water Plan Update.
- 4) MPCA sampling (deepest site) temperature and dissolved oxygen profiles this July: 75 to 62 degrees Fahrenheit top to bottom and 89% oxygen saturation to 2.7% top to bottom.

Public Lands Protection

- 1) New legislation passed re Trust Lands priorities and change in Trust Lands committee membership—educating the Board and seeking other orgs/individuals/legislators to revise legislation to more protective philosophy and specific lake/area concerns.

Other Focus Areas

- 1) **Public Access**—discussions continue with DNR re concern and desire for actions to address water quality impacts and invasive species controls.
- 2) **Land Use and Zoning**—little new development; education and monitoring re land swaps between County and state agencies—focus on procedures and locations.
- 3) **Water Surface Uses**—education and discussions re no wake zoning and related area-specific controls.
- 4) **Wildlife**—two loon nesting platforms were revised to improve attraction, but no nesting luck. Island loon nesting site monitoring revealed nesting failure with exceptionally high water.
- 5) **Life Style**-- flotilla organized for July 4th weekend.
- 6) **Fisheries Management**—representative agencies monitor fish population; fishing success is deemed to reflect knowledge and skill.
- 7) **Slash Pit**—monitor disposal activity esp. inappropriate items.
- 8) **Governance**—communicated with Commissioner Martinson at meetings re topics of concern e.g. the new County Community Center.
- 9) **Cook County Coalition of Lake Associations**—participation of CLPOA members; lake management planning presentation at meeting of lake reps for upper Gunflint Lakes plus Pike and Tait Lakes—sharing similar concerns and challenges. Pike Lake rep interested in identifying mutual interests with CLPOA.