



May 6, 2004

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To: Lino Lakes City Council

Subject: Enforce the no-wake zone on Peltier Lake

I submit this letter and petition as: a long-time citizen of Lino Lakes, someone who has assessed the condition of Minnesota lakes for over 20 years, and as President of the North American Lake Management Society.

Shallow lakes such as Peltier cannot sustain disturbance of the rooted plants and bottom sediments by high-speed watercraft or related activities. The very health of these lakes depends on lush submerged vegetative growth. These plants serve as nursery areas for fish and other organisms and serve to minimize resuspension of bottom sediments. The bottom sediments are very rich in phosphorus and other nutrients that can contribute to algae blooms – without the plants these sediments will resuspend and contribute to nuisance algae blooms throughout the lake. And, in the absence of native plants there is increased opportunity for dominance by exotics like curly-leaf pondweed and Eurasian water milfoil. If you need further background on shallow lakes and their management please check out our web site above. We dedicated an issue of our LakeLine magazine to shallow lakes that speaks to many of the issues I have noted here.

Also, as an aside, Peltier Lake is on Minnesota's impaired waters list (Section 303(d) of the Clean Water Act). As such, it is incumbent that local governments, which share responsibility for the management of these impaired waters, to do what they can to minimize further impairment and over the long term seek to improve these waters.

I look for the Lino Lakes City Council to demonstrate leadership on this issue and show your concern with the health of Peltier Lake by making the no-wake zone ordinance permanent. If I may be of service feel free to contact me at work (651.296.7217) or at home (651.483.8165).

Sincerely

Steven Heiskary
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