

APPENDIX A

Results of Peppermill Lake Survey Autumn, 2004 - Analyzed by J. Abbs

(Number of returned surveys: 63 of 85)

1. Where is your property?

Percent of those who responded: **90% on lake, 5% within ½ mile, 3% within 1 mile**

2. What part of the lake is your property nearest to?

Percent of those who responded: **41% East end, 52% West End, 6% North shore**

3. How long have you owned property on Peppermill Lake?

Mean = 13.6 years, Median = 10 years

4. What best describes the time you spend on Peppermill Lake? (% of those who responded)

Weekends-year round	Weekends-occasional	Year round resident
38%	14%	20%
Weekends - Summer	Vacations/holidays	Summer time resident
14%	6%	8%

5 How do you use Peppermill Lake? (check all that apply)

Fishing	Boating	Peace/solitude	Wildlife observation
84%	72%	80%	58%
Scenic enjoyment	Swimming	Entertaining	Walking
78%	40%	48%	46%
Ice Skating	Hunting	Sailing	Picnicking
16%	4%	0%	16%

6. What is the largest horsepower boat motor you operate on Peppermill Lake?

Mean = 23.9 hp, Median = 25 30% have no gas motors!

7. Do you support the NO WAKE Regulation? 100% Yes

8. Do you always observe it? 98% Yes

9. What do you like most about Peppermill Lake (see appendix A, Item 9)

10. What do you like the least about Peppermill Lake (see appendix A, Item 10)

11. How would you rate the water quality of Peppermill Lake?

Excellent	Very Good	Good	Fair	Poor
14%	46%	32%	6%	2%

12. Over the time you have owned property near the lake do you feel the water has:

Improved	Stayed the same	Declined
7%	48%	26%

13. In what way has the water quality changed? See Appendix A, Item 13

14. What do you think are the major water quality problems facing the lake (check all that apply)

Algae/scum	Litter	Water clarity
48%	4%	6%
Smell/odors	Weeds	
2%	74%	

15. How would you rate the fishing on the lake?

Excellent	Very Good	Average	Fair	Poor
2%	14%	50%	20%	4%

16. How long have you fished Peppermill Lake?

Mean = 12.7 Years, Median = 13 years

17. How has the quality of fishing changed since you started?

Improved	Stayed the same	Declined
	56%	43%

18. In what ways has the fishing quality changed? See Appendix A, Item 18 for individual comments

19. If you indicated that water quality or fishing quality has declined, indicate which of the following issues, in your opinion, may have contributed to the decline. From the list below, provide the top three choices:

Water Quality Decline:

Ranking					
Air pollution	Fertilizer use	Soil erosion	Development	Heavy recreation	Septic systems
3%	10%	10%	23%	10%	20%
Herbicides	Agriculture	Over fishing	Weeds	Shoreline damage	
16%	6%		56%	6%	

Fishing Decline:

Ranking					
Air pollution	Fertilizer use	Soil erosion	Development	Heavy recreation	Septic systems
	10%	30%	9%	10%	3%
Herbicides	Agriculture	Over fishing	Weeds	Shoreline damage	
13%	6%	60%	36%	6%	

20. Has the lake level changed in the last several years?

Lower	Higher	Not changed significantly
2%	27%	70%

21. Should the lake level be adjusted?

No	Raise	Lower
65%	20%	13%

22. Do you have other comments on lake level ? See Appendix A, Item 20 for individual comments

PLANT HARVESTING

23. Do you support general weed harvesting to improve lake quality?

Yes: 95%, No: 4%

24. Are you in favor of harvesting native plants (e.g., lily pads) as well as Eurasian milfoil?

Yes: 90%, No: 10%

25. How much and what should we harvest ? (Percentage of those responding)

More plants	Fewer Plants	More lily pads	Chara	Same as now
30%	16%	30%	6%	30%

26. Do you have comments about weed harvesting? See Appendix A, Item 26 for individual comments

27. In your opinion, what other measures should be done to restore, maintain or improve the lake? See Appendix A, Item 27 for individual comments

28. Do you maintain a lawn on your property?

Yes	No
63%	36%

29. Percentage of lot in mowed lawn?

Mean = 49% Median = 40%

30. Do you use fertilizer?

Yes	No
10%	90%

31. How often? (times per year) Response – 1 time per year

32. Is it phosphorus free? Yes: 100%

33. Would you support a lake-wide ban on phosphorus in lawn fertilizer? Yes: 100%

34. What best describes the location where your property meets the lake?

Natural landscape – undevel.	Lawn	Rock Rip-rap
64%	19%	9%
Landscaped trees/srubs	Retaining wall	
6%		

35. If you have a undeveloped buffer strip how far from the lake into the property does it extend?

Mean = 16 ft, Median = 10 ft.

36. To your knowledge, how long since your septic system was last inspected?

Mean = 1.6 years, Median = 1 year