

## EAGLE LAKE HOME OWNERS ASSOCIATION

September 25, 1989

Dear Eagle Lake Property Owner:

The Purpose of this letter is to bring to your attention a matter that is of vital concern to each and every property owner along Eagle Lake.

As you may have noticed, there is an ever increasing amount of weeds appearing on or above the surface of the lake at numerous locations. There had been a report that Eurasian Watermilfoil was present in our lake. To verify this, on July 29, 1989, I took a sample of the weed to the R.P.I. Fresh Water Institute at Bolton Landing for identification. The Institute identified the sample as EURASIAN WATERMILFOIL, which is the same weed that has infested Lake George.

On July 31, 1989, your Association Officers along with several other property owners met with John Madsen of the R.P.I. Fresh Water Institute to determine the next step that should be taken to attack this problem. Mr. Madsen recommended that the Institute conduct a survey of the entire lake to assess it's water quality, the location of the milfoil plants and the severity of the problem. Following the survey, the Institute will recommend a method of control. Mr. Madsen suggested that the survey be conducted no later than September 1989. The estimated cost of this survey is \$1,000.00, and the information obtained will be required in order to apply for the necessary permits from the Adirondack Park Agency and the Department of Conservation, prior to implementing any control program. Conducting this survey now, will enable us to file for these permits and at the same time explore what funding is available from the various government agencies during the winter months.

On August 10, 1989 Bob Delano and myself attended the Ticonderoga Town Board Meeting to present the Watermilfoil problem to them, and ask the Board to fund the survey. At this meeting the Town Board approved the expenditure of \$1,000.00 for the lake study.

By involving the town in this problem, we stand a much better chance of obtaining government aid than we would if we acted alone, when it comes time to implement the control process. We all owe "Cindy" Morrison, local Realtor and Town Planning Board Chairwoman a vote of thanks for the guidance and support she gave us at the Town Board Meeting. In addition, "Cindy" reproduced \$50.00 to \$60.00 worth of copies for this mailing and wouldn't accept one thin dime for her efforts. She stated, "this was her contribution to our cause". She's a friend of Eagle Lake and a great person.

Sincerely,

Bill Allen  
ELPOA President



## EAGLE LAKE HOME OWNERS ASSOCIATION

ELPOA Newsletter!!!!

September 1989

First let me take this opportunity to express our thanks to Bill Donnelly and his many Committee persons for doing such a fine job over the past two years looking after our interests. We need more people like them. So how about volunteering?

### Highlights from the Annual Meeting:

• Officers elected for the coming year:

President - William R. Allen  
Vice President - Robert Delano  
Secretary - Dianne Tiedemann  
Treasurer - Peter Buechner

• Treasurer's Report:

Expenses - \$ 881.00  
Income - \$ 955.00  
Balance - \$3179.00

• Annual Contributions:

Approval was given to continue contributions to the following organizations:

Moses Lodington Hospital Auxiliary - \$50.00  
Ticonderoga Emergency Squad - \$50.00  
Chilson Fire Dept. - \$50.00

- Approval was given for the purchase of two fire hydrants to be located at Moran's Antique Shop and the bridge. These two locations have main "blow-bys" which will minimize installation costs. Each hydrant is estimated to cost \$1,000.00 which includes installation. Bill Donnelly has agreed to follow this project to its conclusion.

• Concerns Expressed at the Meeting:

-Repainting of Route 74 "yellow" lines.

According to Ed Rielly, State Resident Engineer for Essex County, repainting of the yellow lines along route 74 through Eagle Lake will take place during August or September of this year.

-Repaving of Route 74 through Eagle Lake.

Frank White, Commissioner of the Department of Transportation for the State of New York, states in a letter to the President of the Route 74 Association, that there are no plans to widen or realign this road through Eagle Lake. The State does however, plan to repave this section of the road in 1991 from Chilson to Paradox.

• Continuing Activities:

Lake Level Committee - Bob Delano, Bob J. Stevens, Toby Secone

This committee continues to strive to maintain the water level so as not to impact the boat houses or the residents along Ti bay. During June and July the water level remained constant at +4. A vacationer discovered a beaver dam 100 yards upstream from the spillway. Part of this dam was removed and the level dropped to a +2. Bob Delano has secured the necessary permits to destroy these beavers and plans are underway to completely remove the dam.

The committee will take appropriate steps to lower the water level to protect the boat houses during the winter.

This committee is performing a delicate balancing act, coping with the elements is bad enough, but having to deal with beavers makes it especially tough. Keep up the good work.

Beach Committee - Bill Donnelly chr./Joe Zepf

- Beach area cleaned, lawn and brush cut.
  - Two incidents involving campers making noises at all hours and shooting of guns. These incidences were reported to the ranger who eventually ejected the campers.
- Many thanks to Bill and Joe for keeping this place ship shape for our use.

Fish Stocking - John Di Pofi, Joe Lazzaro

1988 Fall Stocking - 4,000 Brown Trout - Fall Fingerlings 3"-5"  
1989 Spring Stocking - 2,000 Rainbow Trout and 1,500 Brown Trout

All of the above stocking was done by the Essex Count Fish Hatchery at Crown Point. The Hatchery needs fish take data from association members. This information would be of help when applying to the state for egg supply. Let's cooperate - it's for our own benefit. Data needed is: number of fish; length/weight; trout species.

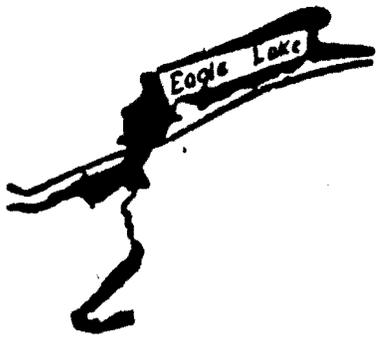
Weed and Pollution Control - Bob C. Stevens chr., Bill Kral,  
Dianne Tiedemann, Graham Davis,  
Bob J. Stevens, Toby Secone

You have already received considerable info on the Milfoil problem in the accompanying mailing with this newsletter. Once the survey is completed the Committee will communicate the results to us, along with any plans they may have on how we should combat the problem.

Well, I guess that's the way things stand as of now. Have a safe and pleasant winter.

To contact me over the winter, my address is: 35 Mill Road, Rhinebeck, N. Y. 12572 or phone me on (914) 876-6107.

*Bill Allen*



## EAGLE LAKE HOME OWNERS ASSOCIATION

### Eurasian Watermilfoil

#### What does it look like?

- See attached photo.

#### Where is it?

- On Lower Sunken Island (new buoys mark this site).
- In front of G. Davis's property/docks.
- In many scattered patches, some very dense and at the surface, extending along the north shore between the bridge and the public beach.
- Between B. Delano's place and the bridge (the largest known surface mat in the lake).

#### What conditions favor its growth?

- A silty bottom type in 3' - 20' of water.
- Nutrient rich waters (from runoff, erosion, or sewage).
- A long growing season from May until ICE forms on the lake (its peak growth period is July - September).
- Bottom types where new plant fragments can easily attach.
- It has NO natural diseases or predators in the U.S. at this time.

#### How does it spread?

- By sending out new roots (this method produces the very dense mats/colonies).
- By naturally producing fragments with new roots that readily attach to new areas (the predominant way the plant spreads).
- By human activity creating new fragments due to boating or fishing.
- By becoming locked in the ice and transported to new locations as the ice melts.
- By seeds.

#### What can the individual association member do?

- Check for and correct situations that enhance nutrients going into the lake.
- Avoid ANY recreational activities in areas of milfoil that would cause the plant to fragment.
- Report locations of milfoil to the Executive Committee.
- Observe and avoid newly placed buoy markers, particularly near the shoreline.

### What can the ELPOA as a whole do?

- Place informal **buoy markers at the** dense surface mats/colonies.
- Get the plants' distribution and **growth** in check before it gets out of hand.
- Have a professional survey done to assess Eagle Lake's water and shoreline quality, the location of the plants, the severity of the problem, and recommended methods of control.

### Why should you/we be concerned about the presence of milfoil in our lake?

- It has the potential to clog/choke most of Eagle Lake's shoreline (See the attached map for illustration of the potential location of milfoil).
- It entangles props.
- It crowds out favorable lake plants.
- It reduces areas for fish spawning beds.
- It reduces swimming areas.
- Its presence in the lake will lower property values.
- It may eventually prevent access to and the use of public/private boat launches and the public beach.
- Travel under the bridge by motor boat may become impossible.

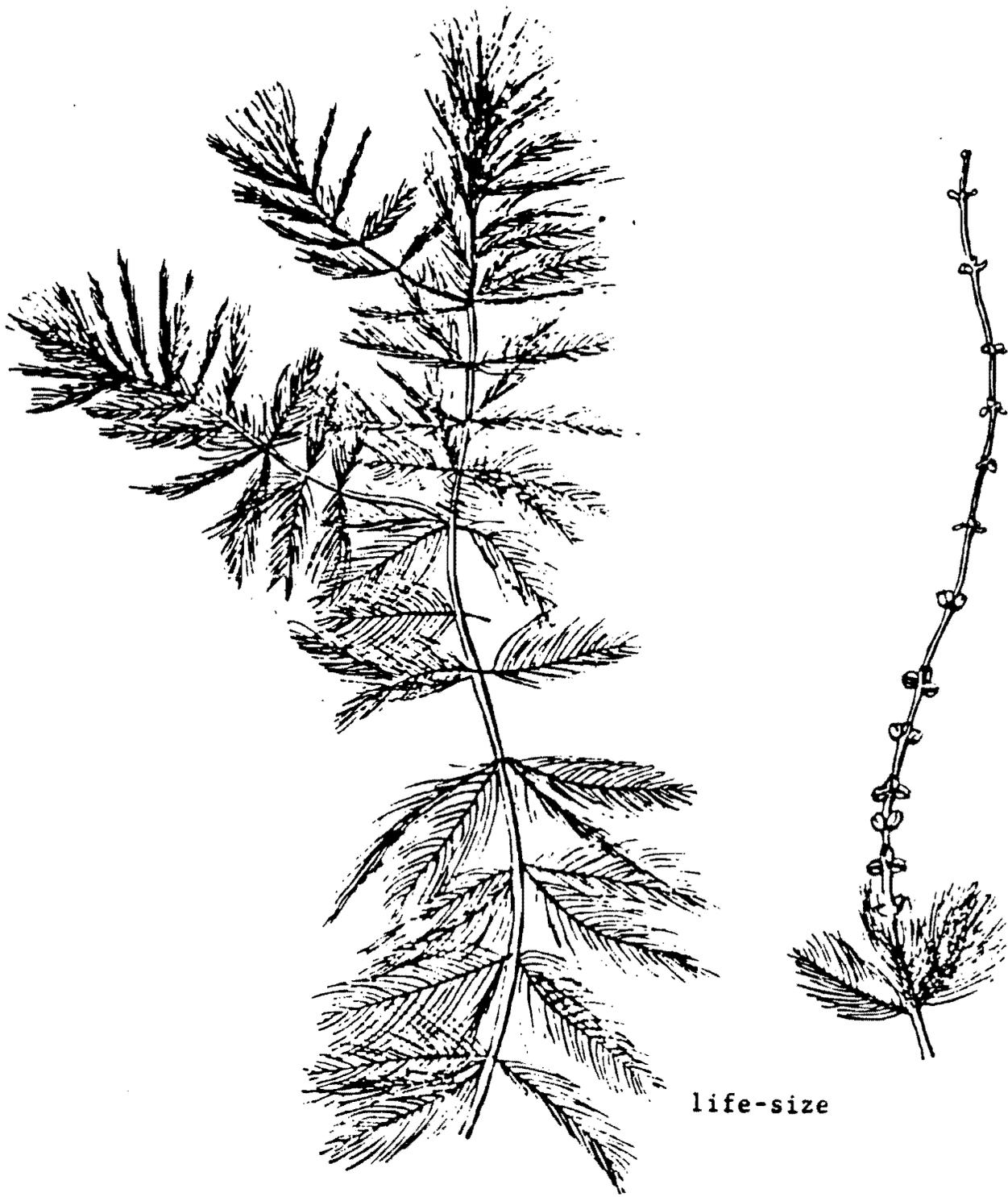
### How can it be controlled?

- By hand harvesting.
- By mechanical harvesting.
- By applying herbicides, many that will prevent the lake from being used as a source of drinking water, or produce other types of problems.
- By using mats that block light that prevent this plant and others from growing.

(NOTE - PERMITS are REQUIRED by the APA and DEC for ALL methods of control and collection of the plant!)

### What is required to obtain the necessary permits?

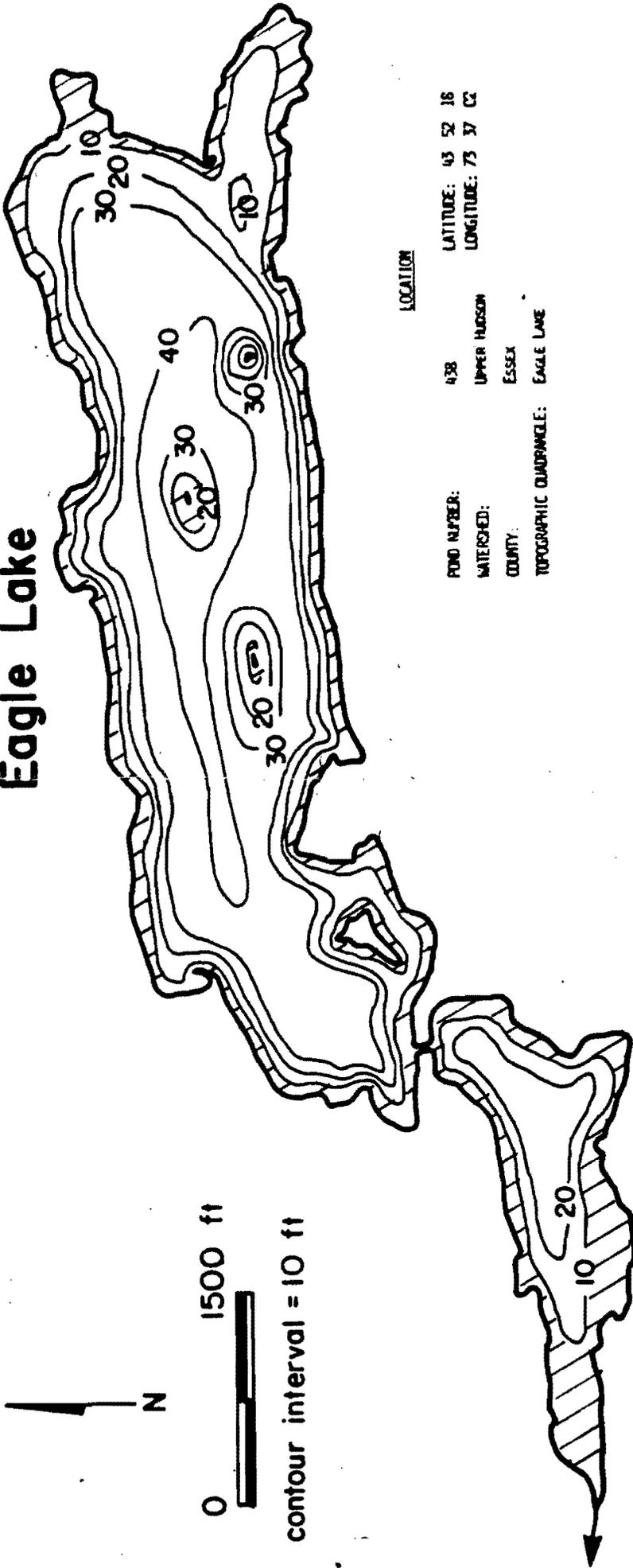
- A survey of the lake's plant content and water and shoreline quality.
- Professional recommendations for control methods appropriate to our lake.
- TIME, the permit process may take many months to complete, with a minimum 45 day review period.



life-size

EURASIAN WATERMILFOIL, *Myriophyllum spicatum*

# Eagle Lake



## LOCATION

POND NUMBER: 438      LATITUDE: 43 52 16  
 WATERSHED: UPPER HUDSON      LONGITUDE: 73 37 02  
 COUNTY: ESSEX  
 TOPOGRAPHIC QUADRANGLE: EAGLE LAKE

## PHYSIOGRAPHY

SURFACE AREA:	1,400	AC	1.7	HA <sup>2</sup>
MEAN DEPTH:	19	FT	5.8	M
MAXIMUM DEPTH:	42	FT	12.8	M
VOLUME:	7,980	AC-FT	9,847,320	M <sup>3</sup>
WATERSHED AREA:	3,452	AC	14.0	HA <sup>2</sup>
HYDRAULIC RETENTION TIME:	1.4	YR		
SHORELINE LENGTH:	7.8	MI	12.5	KM
ELEVATION:	944	FT	288	M
OUTLET DAM:	NO			
WATER QUALITY CLASSIFICATION:	B			
SPORT FISH:				

SB. MAP, PVL, BT, BI, PS

NOTE: ROADSIDE ACCESS.