Presentation to RLWSA

Saturday June 25, 2011

About 5 years ago, I became concerned with the discussions at Rogers Lake Authority meetings about using herbicides in the lake to control weeds. Not only do I oppose the use of poisons in my drinking water, but some residents were labeling any plants in the lake "weeds" – including both milfoil – an invasive – as well as water lilies – essential to filtering the lake and promoting fish habitat.

I formed a group, under the Board of RLWSA, to oppose this effort.

But I could see that the behavior of <u>humans</u> helped to create this problem, and this includes what happens from lawn fertilizers and herbicides, sand draining into the lake from beaches, using non-native plants, and accumulating trash...creating a perfectly <u>hospitable</u> environment for all the wrong things.

So if man created the problems, perhaps there were also man-made solutions that could be tried.

Out of this has come a project of which there are two parts, but the goal of both is

- 1. To protect Rogers Lake OL's aquifer -- from drainage, pollution and abuse
- 2. To create a model for homeowners of L and OL within this watershed area.

Part one is RLWSA properties of the two main swimming beaches -- Installing simple barrier plantings at Devitt Loop and edging between grass and sand at Osceola

Part 2 is OL town property -- Hains Park – where we will establish barrier plantings plus a rain garden, separate sandy area from park/playscape, create signage that state regulations as well as educate people about the purpose and importance of the plantings, and ensure that the area is properly maintained – on a year-round basis. This is designed to discourage geese from invading the park, and to encourage people to properly use the park.

It has brought about some great collaborations:

Board of Directors, Rogers Lake West Shores Association

Board of Directors of Rogers Lake Authority

Old Lyme Conservation Commission

Lyme/Old Lyme Rowing Association

Master Gardeners Program

Juliana Barrett, UCONN C.L.E.A.R.

Girl Scouts

Wendy Flynn, CT DEP – educational seminars to certify volunteers to ____???

The collaboration with the Rowers has produced:

Rowers helping to move the riparian mats at Hains Park

And

- 1. Rowers available for Pulling Parties –the rowers will be available to lakeside homeowners to for a "Pulling Party". Rowers will hand-pull invasives or even water lilies from homeowners' waterfront properties. Sign up by providing your name and email address. We will contact you by email re: dates. If beyond our ability, we will lay down riparian mats and rotate to a new spot after 30 days.
- 2. Rowers hosting an open house and invite residents. Again, write your name and email address. The date is the weekend of August 13.

I will be emailing you about these opportunities, and keep you updated on the progress.

We will also be hosting a brief seminar on how to create rain gardens and barrier plantings to help utilize run off from rain.

So my recommendations for us are:

- 1. DO NOT feed the geese!
- 2. Establish barrier plantings or a rain garden come and learn how!
- 3. Don't use herbicides or pesticides especially because most of our properties drain directly into Rogers Lake our drinking water!
- 4. Pick up your dog's poop! It adds nitrogen to the lake -- which helps plants grow in the water!
- 5. And to the Board of Directors -- Don't add more sand to the beaches! It only fills in the lake and again, fosters plant growth.

Thank you.-Maureen Plumleigh
Rogers Lake West Shores Association's
Committee for the Health of Rogers Lake

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