

Hi Brian,

The purpose of this email is to share several documents, the summer 2009 milfoil harvest results and ask for your continued support as the projects takes on a new track for obtaining required herbicide use permits.

The first document is a letter received from Tim Sinnott, DEC, it was sent to me with regard to several conversations I've had with him and several that had taken place prior between me and the APA regarding the issue of curtains and their use with the herbicide Renovate for spot Eurasian milfoil control. As can be read, he supports/continues to support the position that you and I spoke of in our meeting about the lack of need for curtains.

I'm also sharing with you, fyi, recent maps showing the most current observations of the spread of milfoil within Eagle Lake. This year has been a banner year for its growth. As can be seen, several of the patches, if curtained, would be in the several acre size with perimeters extending into the thousands of feet.

The dive team has spent all summer placing mats in the smallest to largest patches and hand picking the isolated plants, trying to prevent them from becoming established beds. With the placement of more than 50,000 sq. ft of new mats this summer along with the redeployment of some existing mats, the total covered area from 2008 and 2009 is now at 73,000 sq. ft. with 15,270 lbs of milfoil having been hand picked and removed in 2 seasons, and yet we are losing the battle. Several of the patches matted this summer were GPS mapped in 2003, comparing them to the size of the mat area needed to cover the patch in 2009, those patches showed growths of 50-100% or more. Plants are growing well in 22 feet of water and many of these plants grow from the bottom to the surface. A swim over survey of many of the patches showed sizes much beyond the 2003 surface observations due to the fact that surface observations only yield views/results to depths of about 15 feet. The most disturbing observation while working this summer is that the milfoil in many locations in the 22 foot depth is range is covering the bottom but not yet to the surface, like a silent attacker waiting for the time to spring up. This was observed at the north side entrance to the causeway this summer. Last year there was no milfoil observable from the surface at this location, this summer the milfoil formed a patch some 100-200' wide by 300' long just out from the causeway. A path across it has been matted, but several acres remain on the west side.

On the plus side mats left over winter and relocated in 2009 have proven to be moderately effective. All plant life under the mats is dead when the mats are removed; the same can not be said about mats that were removed after 8 weeks of placement this summer. The milfoil in a small mature bed where mats were removed from stood back up with some very weak/light green plant material still remaining on those stems and roots that were still viable (discouraging to say the least). The reason for the statement "moderately successful" is that there are still new plants growing around the outside perimeter of the placed mats that need to be hand picked or matted, and in some instances the milfoil is growing and doing well on top of the mats.

You mentioned in our meeting earlier this year, that you were cautiously supportive of the effort to utilize Renovate in a test case. At your suggestion from this meeting I spoke to Curt Stiles and received the reply letter that I shared with you earlier this summer about the Agencies need for curtains. The contents of this letter put the path for seeking permits on a slightly different track. The ELPOI Board has chosen to seek the assistance

of Attorney Dennis Phillips in seeking resolution to the DEC vs. APA difference of opinion for the need for curtains in conjunction with the spot use of Renovate. To this extent, and as it is only in the planning stages for permits, Dennis and I would like to know if you, the Adirondack Council, are/ can be supportive of Eagle Lake being a test site for the use of Renovate in a spot treatment application without curtains as is permitted by DEC in lakes outside the Park. Your consideration for this with a positive response would be greatly appreciated. Please give me a call and I can answer any questions and share some specifics of the plan with you.

Rolf Tiedemann
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