

Hi Ed,

It was good seeing you at the NEAPMS Conference. Thanks for taking the time to sit down with Glenn, his staff and myself to discuss the proposed herbicide permit application.

I've been in touch with Steve Wilson in the past week and we have run some preliminary cost numbers to see if the herbicide portion of the project is within our means. It is very close; if any new requirements are put forth we will be overspent. Steve and/or I will be in touch with you to do additional follow-up as Steve and I continue to look at the anticipated requirements and work to find cost effective solutions to them. Projected costs at the moment are based on using new curtains. I'm hopeful that we can refurbish curtain materials that Allied Biological has at their warehouse, but have not yet seen the material or its condition. Refurbishing could cut the curtain cost by about 1/3 - 1/2 over buying new. Other costs associated with the curtains such as installation, removal and transport are also up there as the two 400 or so foot sections needed are estimated to collectively weigh in the 2,500 - 3,000 pound range, depending on the weight of the material used for the curtain panels and depth required. Man handling curtains in the very limited accessible spaces that surround Eagle Lake only adds to the complexity and of course cost, especially since there is no easy way to get any kind of machinery to the waters edge. I will be working closely with the members of the ELPOI to see how much "volunteer" effort might be anticipated for helping with this but I am also very aware that when it comes to getting a job of this magnitude done, and done correctly and safely, that it will require that several trained and paid personnel be involved. I'll update you when I get the cost estimate numbers and a few other leads for completion of requirements nailed down.

Attached to this email is a copy of the first two required DEC Invasive Species Grant quarterly reports. They are shared FYI and fulfill the requirement for the Under 2 Meter Hand Harvesting Permit need for an annual report. Hopefully you will find the activities that took place as interesting as the ELPOI and I found them challenging to complete. As a very simple follow up to the 2008 work I would say that it was costly and had limited success, but the residents who own property in front of where the hand harvesting and matting took place were very happy and excited to be able to see the lake bottom again after, in some cases, almost 3 decades. They are optimistic that much more of the milfoil can be cost effectively removed in 2009, especially when they hear the per acre cost estimates for use of herbicides as listed below for Lake Saratoga. They are hopeful that the entire lake's 8 plus acres of milfoil could be eradicated within the remaining funds available in the Crown Point ISG funds.

I was in touch with Dean Long of the LA Group last week with regard to the Renovate project they completed in 2008 on Saratoga Lake. My interest was in their cost, methods, plant survey and water-testing requirements, etc. Dean provided a wealth of information that I have not yet had time to distill into a written format so that I can share it with the ELPOI Board or others. I will share it with you when I've completed this. He also provided me with a copy of their applicator's follow up report and the post application plant survey report. I've attached copies of both of these, with Dean's permission, for your review. I've read through both documents and would be most pleased if Eagle Lake could have similar results for the extent of milfoil eradicated at their per acre cost. Per Dean they treated 292 acres at a total cost of \$310,000, inclusive of plant surveys, fish monitoring and chemical assay testing. This works out to be around \$1,060 per acre. Steve and I are estimating with curtains, set up and removal, dye testing, permit completion, treatment etc. a total cost of \$62,000 to treat approximately 10 acres of lake that contains several dense patches of milfoil in it. This would be \$6,200 per acre for our herbicide application. This is some 6 times higher than Saratoga's herbicide treatment and almost 10 times what Eagle Lake and Lake Luzerne have reported spending to hand harvest and mat. Dean was very positive about the results for milfoil eradication but even more impressed with the fact that he, as well as others that surveyed the lake immediately after and for varying periods of time post treatment, saw no impact on the native vegetation. He and I both talked about the concern that folks have for Renovates possible collateral damage to some of the Lilly species, he again made a point of indicating that he and others checked these plants in the treatment zone and found no impact at the treatment rate that they used.

Also attached FYI is a letter that I shared with ELPOI Board Members as a follow up to my attendance at the NEAPMS conference so that they would be in the loop. As it describes the meeting and conversations

that you and I had, I thought that I would share it with you so that we all are on the same page with this project.

If you would, please, over the next few weeks' review the Eagle Lake 2008 plant survey with an eye for plants and their proximity to the proposed treatment site that you feel might be adversely affected by a Renovate application. Steve and I can then be sure to try to address concerns regarding this.

Ed thanks again for all your efforts in trying to get Eagle Lake milfoil and the project that it has become moved in the right direction.

Rolf Tiedemann