

**From:** [Merrell, Kellie](#)  
**To:** [Ron Kolar](#)  
**Cc:** [Copans, Ben](#) ; [Dayna Cole](#) ; ['Peggy Barter'](#)  
**Sent:** Tuesday, February 16, 2010 1:09 PM  
**Subject:** Information you requested

Ron,

In thinking about your inquiry as to how enforceable are buffer regs in other towns, it dawned on me that you should first contact Milly Archer, from Vermont League of Cities and Towns. She is paid by Clean and Clear to provide assistance to towns in drafting riparian buffer protections. Her e-mail is [marcher@vlct.org](mailto:marcher@vlct.org) and information about her assistance can be found at <http://www.vlct.org/municipalassistancecenter/waterqualityplanning/>. I would contact her ASAP, since her funding was cut to part time and after June it is uncertain whether her position will be funded at all. She is a wealth of knowledge on the town zoning for water quality protection front!

I'm sure Milly's help will be just what you are looking for, but in case you want to check in with other towns to get a sense of what their experience has been I've attached a spreadsheet that lists the towns I know of that have town zoning regs. The information in this excel spreadsheet actually was compiled in part with Milly's assistance. The date their regulation was enacted is listed. I don't have all the zoning administrator contact information in the excel file, but you should be able to look that up on the web easily enough.

I touched upon a lot of topics when summarizing the increasing understanding of the importance of buffers on lakeshores to aquatic habitat, biota and wildlife. Here are some links to some of what I touched upon.

The first nationwide assessment of lakes conducted by EPA found that the most widespread stressor to lakes both nationally and in our ecoregion, the Northern Appalachian, is lakeshore vegetation removal. For information on this report, go to: <http://www.epa.gov/lakesurvey/> On that page you can download the entire report or their 2 page fact sheet:

[http://www.epa.gov/lakessurvey/pdf/nla\\_survey\\_fact\\_sheet.pdf](http://www.epa.gov/lakessurvey/pdf/nla_survey_fact_sheet.pdf) or just their executive summary, which makes the point above succinctly.

[http://www.epa.gov/lakessurvey/pdf/nla\\_exec\\_summary\\_key\\_findings.pdf](http://www.epa.gov/lakessurvey/pdf/nla_exec_summary_key_findings.pdf)

Next, for the Vermont perspective, there is an article summarizing some of our findings here in Vermont. It doesn't quite make the link to all the biota I talked about, but it does describe how unbuffered lakeshore development is altering aquatic habitat here in Vermont.

[http://www.anr.state.vt.us/dec/waterq/lakes/docs/lp\\_littorally.pdf](http://www.anr.state.vt.us/dec/waterq/lakes/docs/lp_littorally.pdf)

It looks like the Wisconsin production that I referenced is not available as a link that folks can watch on the web, of which I am rather surprised. However, they are selling it for \$10 if you scroll to the bottom of the below link.

<http://www.uwsp.edu/cnr/uwexlakes/publications/>

I suppose you could touch base with the creators of that resource and see if they are working to make it more easily available. At any rate, I think it is worth purchasing one copy and seeing if you guys can figure out how to get folks to view it. There are a lot of other helpful resources on that website as well.

As you consider whether or not to pursue algal plates or not, below is the presentation that made me start thinking it might be an application suited to Seymour's outreach needs. Again, the algal monitoring approach is useful for prioritizing restoration around your lake, however, at this point you guys already know a lot about where the problems are, so it may not be the best use of your limited time and energies.

<http://chicagolakes2009.org/Presentations/Wagner,%20Ken.pdf>

Well, that is way more than you ever wanted to know! But now you have an e-mail you can file away in your e-mail archive that points you in 50 different directions the next time you get bored and are wondering what to do next!

It was great seeing you all again on Friday! I'll see you at the Seymour Outing at the end of July.

Best regards,  
Kellie