

Hello,

With interest in moving Eagle Lake's milfoil eradication project forward in 2009 the Towns of Ticonderoga and Crown Point are working with Allied Biological and the members of the Eagle Lake Property Owners, Inc in seeking permission to utilize the Aquatic Herbicide Renovate OTF to complete a partial lake/ spot treatment on some or all of the 50 plus patches of milfoil in Eagle Lake. There are several points of dialog currently taking place with regard to this goal. One of these points involves the potential "drift" (movement of product by in water migration) of herbicide from the treatment target area as well as concern for the potential unintended collateral damage to native vegetation in the treatment area. The herbicide Renovate has been used in several NYS and Vermont lakes over the past year. In order to evaluate the efficacy of treatment and the need, if any, to address these concerns in future treatments extensive pre and post treatment plant surveys and other types of monitoring have been conducted by the various Lake Associations, Applicators and State Agencies that were involved with the respective herbicide treatments. The parties working to secure the necessary use permits on Eagle Lake have taken it upon themselves to gather this data and review it with interest in seeing if such concern has merit for Eagle Lake. It has been compiled for presentation and review in the following location on the Eagle Lake website. See http://eaglelake1.org/html/other_lakes/other_plant_surveys.shtml

A quick summery based on the use of the herbicide Renovate in nearby lakes is shared here. The summary information was gathered from review of the plant survey documents, conversations with their authors and conversations with others closely associated with the respective lake projects. Everyone spoken to provided a very positive response for the efficacy Renovate has on the eradication of milfoil. All surveys gathered indicate that after treatment there was a major reduction in the number of sample sites that milfoil was detected in, a major reduction of milfoil bio mass and, in a couple of instances, an appearance of milfoil eradication because of the very small amount that could be found. A couple of surveys even indicate that there was a greater richness of plant diversity and an increase in the number of native species found in the lake after a treatment compared to the number found before. In all cases the authors indicate and the plant surveys support that even when some stress was observed on a few select native species in the target area after treatment all stressed plants appeared to survive and that only damage to milfoil was found. In those cases where product drift was measured, the drift was reported to have only affected the milfoil plants. A comment shared by one person indicated that some adjustments to application dose and timing might be necessary to better increase control. Overall however everyone involved with these treatments was very pleased that Renovate preformed as it was supposed to.

Full plant surveys for Eagle Lake can be found at <http://www.eaglelake1.org/milfoilproject.html> - lake

Thanks to all those who gathered and shared the information so that it could be posted. If you have additional information that is relevant to Renovates use in milfoil control please feel free to share it.

Additional information about Eagle Lakes 2008 milfoil eradication project can be found at <http://www.eaglelake1.org/milfoilproject.html>

Thanks to all of you for your interest in invasives control.

Rolf Tiedemann
Eagle Lake
Milfoil Project Coordinator