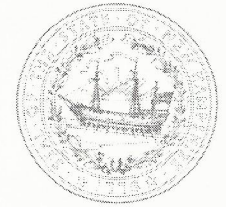


The State of New Hampshire  
**DEPARTMENT OF ENVIRONMENTAL SERVICES**



Thomas S. Burack, Commissioner

June 14, 2016

Mr. Joe Maraldo  
Mountainview Lake Resident

Dear Mr. Maraldo:

Thank you for your interest in Mountainview Lake in Sunapee, New Hampshire. Following is a summary of the plant community of the lake, based on historical data and on the survey that my intern, Alexandra Mauer, performed with you on June 14, 2016.

Mountainview Lake is a glacial lake. When the glaciers in New Hampshire melted they distributed large rocks in the Sunapee area and these rocks are often called glacial erratics. These glacial rocks were dispersed throughout Mountainview Lake over a generally sandy sediment. The lake is fairly shallow and clear. The combination of shallow depth, good clarity to the bottom, and sandy sediments suggests that the lake is suitable for growths of aquatic macrophytes.

A survey by DES in 1992 rated the macrophyte community as scattered throughout the lake (copies attached). In terms of plant community composition, surveys documented the type and distribution of aquatic plants in Mountainview Lake. A diverse assemblage of macrophytes is present, including white water lily, yellow water lily, pickerelweed, floating heart, pondweed, bur reed, and three-way sedge.

Overall, plant abundance and composition in the lake has not changed substantially over the last 21 years according to the recent survey on 6/14/2016. No invasive species were documented during the survey. Continuing to monitor for invasive species, including variable milfoil, is crucial for maintaining a healthy lake ecosystem.

If you have a group interested in a Weed Watcher training to learn how to look for invasive species please contact me at your convenience. For a waterbody the size of Mountainview Lake, I recommend a group of 6-8 volunteers, so that the shoreline can be divided into sections, and then divided up among interested volunteers.

If you have any questions about this assessment of Mountainview Lake please do not hesitate to contact me anytime at Amy.Smagula@des.nh.gov or 603-271-2248.

Sincerely,

Amy P. Smagula  
Limnologist/Exotic Species Program Coordinator

Enclosures