

Lake Protection Committee Report – Summer 2014
Annual Meeting
Greensboro Association
August 8, 2014

Lake Water quality

- Water clarity in 2013 (last summer) was 8m sechi depth which is good. This places Caspian in the top ten lakes in the State. Clarity so far in 2014 is also good, but has been adversely affected by recent significant silt runoff caused by late summer heavy rain storms. Phosphorus, chlorides, and algae levels are low and stable. We test weekly from June to September...usually twelve weeks. Current results are posted near Willey's Store meat counter among the trophy trout and the wine. These results are also on the Greensboro Association website.
- Our number one water quality challenge is silt/water runoff. Our number one threat is Eurasian Milfoil. To address this, we are pleased that the a new collaborative subcommittee of the Greensboro Land Trust and the Greensboro Association has been formed to focus on the problems associated with Stream runoff into Caspian.

Milfoil and Other Invasive Species Prevention

- THE LAKE REMAINS MILFOIL FREE! We applied for and received a State of Vermont Grant of \$5150 to partially fund our boat launch greeter program. We also received an appropriation from the Town of Greensboro of \$6000 to cover the shortfall of the State Grant.
- So far this year, our inspectors have checked roughly 200+ boats/trailers as they enter Caspian at the Public Beach boat ramp. None were found to be carrying milfoil. Two boat trailers carrying milfoil fragments were intercepted last year. Boat/trailer traffic at the boat launching area continues to decline.
- Our group of "Milfoil Watchers" (10 or so volunteers who systematically search the entire lake shore) is in action. There were no discoveries in 2013 or this year so far.

Other

- The Town of Greensboro completed work on an update of the Lake Shore Zoning Regulations early this year.
- In parallel, the State of Vermont Legislature passed similar legislation on Statewide Shoreline Protection Regulations. Included is a clause which allows the State to delegate its regulatory powers to any Town which has instituted equal or better protection. Greensboro will qualify with minor changes.
- The Greensboro Association continues to maintain, install, and remove the swimming area marker buoys at the Public Beach.
- The Lake Protection Fund grew another \$5k this year to over \$55k, thanks to members' generous donations, which were augmented by proceeds from this summer's Fun Run. Thank you all.

Respectfully submitted,
Andy Dales, Chair

