



## INVASIVE PREVENTION AND CONTROL:

- Greeter program (begun in 2008), supported by DEC Aquatic Nuisance Control Grants
  - ~ Add an additional day per week for Greeter/Boat Wash Inspection Program Summer 2019
- Addition of hot water boat wash station in 2017 supported by a grant from Lake Champlain Basin Program
- Use of Diver Assisted Suction Harvesting of Eurasian Watermilfoil (EWM) in 2016 and 2018
  - ~ Continue with DASH for Four weeks during Summer 2019
- Placement of benthic (bottom) barriers at the fishing access in order to keep that particular channel free of invasive EWM and purchase of additional barriers which we plan to add to the Lake Iroquois Recreation District (LIRD) beach area to help expand the swimming area and help mitigate the impact of the EWM.
  - ~Installation of All barriers for Summer Season 2019
- Annual aquatic plant surveys: 2014, 2017, 2018 to develop a database of information regarding spread of invasive EWM and status of native plant populations.
  - ~RPI Darrin Institute conduct additional Survey Summer 2019

## GRANT PROJECTS:

- Ecosystem Restoration Program Grant stream restoration and road rehabilitation project to remediate the tributary to remediate the lake tributary parallel to Pine Shore Drive, in conjunction with Town of Hinesburg and Pine Shore Road Association. Work completed October 2018.
- Block Grant from The Chittenden County Regional Planning Commission to develop a conceptual design to address the erosion and sedimentation contribution issues of Beebe Lane and the tributary at the north end of the lake. This will be a cooperative effort among LIA, LIRD, Town of Williston, Town of Hinesburg, and the residents of Beebe Lane. This project will include a management plan implemented by the LIRD. Based on years of sampling data, this tributary demonstrates the highest average source of phosphorus contributing to the lake in addition to other environmental impacts from sedimentation. The project goal is to perform a complete review and restructuring of this road over the next few years as funds become available
- Continued tributary sampling with the LaRosa Partnership grant water quality sampling project. This effort continues to be a critical data source informing the organization where rehabilitation and restoration efforts should be focused.
- Better Back Roads Grants for west shore stream remediation, work completed 2012-2014.
- Pine Shore Rain Garden demonstration project.

## EDUCATION AND OUTREACH:

- 2017 & 2018 Annual Garden tours of Lakewise Award winning properties around Lake Iroquois
  - ~Currently there are 11 Lakeshore Properties that have been awarded the Lakewise Award.
- Educational and outreach activities regarding best practices through publication of our Lake Shore Homeowners Manual (<http://www.lakeiroquois.org/home/activities--projects/education>), our newsletter, *The Lake Iroquois Monitor*, our website, [www.lakeiroquois.org](http://www.lakeiroquois.org), and our Facebook page, [www.facebook.com/lakeiroquois](http://www.facebook.com/lakeiroquois)
- Numerous public presentations in the area regarding our work, including meetings with the general public, lakefront property owners, own selectboards and conservation commissions, as well as attending statewide meetings and training sessions.
- Publication of the State of the Lake Report which gathered some 40 years of data collected about Lake Iroquois since the 1970s