



**Lake Iroquois  
Association**



***2022 UPDATE***

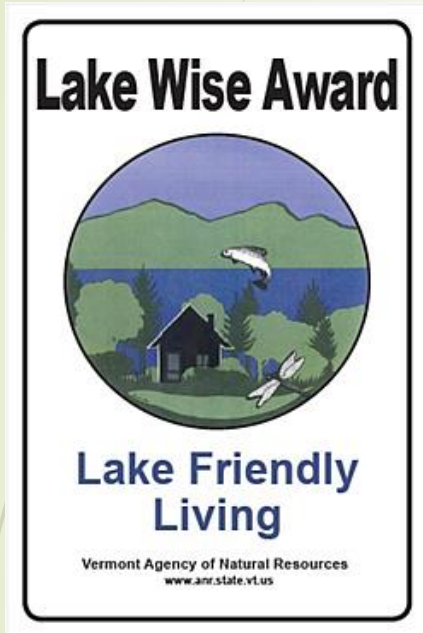
# HIGHLIGHTS

- **LIA partnered with the Lake Iroquois Recreation District (LIRD) to apply for and receive a matching grant from Watersheds United Vermont (WUV) for implementation of stormwater improvements on Beebe Lane**
- **The Lake Iroquois Association also applied for Congressional Directed Spending funds through Senator Bernie Sanders office**
- **Their office selected the project as one of several sent forward to Congress for consideration and inclusion in project funding for the next fiscal year**
- **We hope to hear of a successful award sometime in 2022**

# HIGHLIGHTS

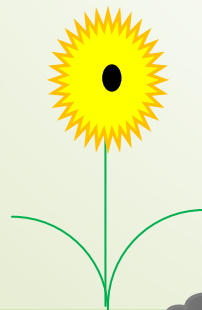
- **2021 Co-awardee of a Lake Champlain Basin Program Watershed Action Plan grant**
- **Partnering with the Winooski Natural Resources Conservation District & Lewis Creek Association**
- **Purpose is to assess problem areas and develop project sheets identifying corrective action**
- **Engineering firm SLR chosen and project work moving forward**

# HIGHLIGHTS



## Lake Wise Awards

- VT DEC-sponsored program that encourages landowner improvement of shoreline buffers
- 5 additional shoreline property owners awarded in 2022 for 11 total
- 15% of total lake properties awarded achieves Lake Wise Gold status  
(14 out of 92 total properties)



# AQUATIC INVASIVES MANAGEMENT

## Eurasian Watermilfoil

- **Channel markers to maintain clear boat channel**
  - **None needed**
- **Diver-Assisted Suction Harvesting (DASH)**
  - **None required due to near zero absence of milfoil**
  - **Some hand pulling in southern end of lake**
- **Benthic Mats**
  - **None emplaced this year due to milfoil absence**





**Summer  
2018**



**Summer  
2022**

July 21, 2022

# GREETER & BOAT WASH PROGRAM

- Program supported by an Aquatic Nuisance Control grant from VT DEC, funds from the Towns of Hinesburg and Williston, membership dues and donations, water supplied by the Hinesburg Fire Department, and volunteer hours from LIA members
- Objectives
  - Prevent aquatic invasive species from entering or leaving the lake
  - Educate watercraft users verbally and via distribution of educational pamphlets on invasive species
- 2019: 800+ watercraft inspected
- 2020: 1,608 watercraft inspected – more than double the number from previous year
- 2021: 1,486 watercraft inspected
- 2022: 2,263 watercraft inspected

# GREETER & BOAT WASH PROGRAM

2022							
Memorial Day Weekend to Labor Day Weekend							
Launches (Entries) and Retrievals (Exits)							
Month	Launches	Retrievals	Total	Washes	%		
May	134	68	202	11	8%		
June	294	164	458	34	12%		
July	666	392	945	59	11%		
Through 082122	431	227	658	65	11%		
<b>2022 Totals</b>	1525	851	2263	169	10%		
<b>2021 Totals</b>	1264	217	1481	139	11%		
<b>2020 Totals</b>			1608				
<b>2019 Totals</b>			800+				
Watercraft	Canoe	Inboard	Kayak	Outboard	Row	Sail	Paddle
Number	108	88	795	301	11	3	437
<b>30 Different Waterbodies</b>		Invasive Species					
Iroquois	805	2					
Champlain	105	52					
Waterbury Res	56	1					
Shelburne Pond	20	3					

The number of launches and number of retrievals do not match because of timing. Greeter shift Friday starts 12 pm, Sat and Sun at 6:30 am. End time is 6:30 pm. Boats may have been launched before Greeters arrive and retrieved after a shift is over.



# DATA COLLECTION

- Lake Iroquois tributary sampling
  - Supported by a LaRosa Partnership Program Grant
  - Sampled 10 tributaries for phosphorous and some for chloride
  - Funding continues to be flat relative to expanding number of partners
- 2 Aquatic Plant Surveys - June 6<sup>th</sup> and one scheduled in September
  - No milfoil detected in June; small clumps detected later in the summer
  - Curly-leaf pondweed (*Potamogeton crispus*) only invasive found; Lake Champlain has 51 by comparison
  - Previous surveys:  
<https://www.lakeiroquois.org/water/plant-surveys>

# CONSERVATION

## Loon Restoration Project

- **Managed by Erick Hansen of the Vermont Center for Ecostudies**
- **LIA Board member Jack Linn worked with Chip Wright to set up and maintain loon nesting platform and signs warning of loon nesting activity**
- **Another successful nesting year for loon pair**
- **Former LIA Board member records loon activity with Lake resident participation**



# ICE-OUT CHALLENGE

- **Held 2nd Annual Ice-Out Contest January-March 2022**
- **Participants guess the date and time when a concrete block will break through the ice on Lake Iroquois, Vermont, with a chance to win 50% of the pot**
- **Purpose is to elevate awareness of Lake Iroquois and create a means to incrementally fund shoreline protection efforts**

**Plan to begin selling tickets**

**November 29th, 2022**

# OUTREACH & EDUCATION



➤ **LIA Website:**

<https://www.lakeiroquois.org>

➤ **LIA Newsletter:**

<https://www.lakeiroquois.org/news/newsletters>

➤ **Lake Shore Property Owner's Manual:**

<https://www.lakeiroquois.org/water/shoreline-health>

➤ **Lake Iroquois Management Plan:**

[https://www.lakeiroquois.org/fileadmin/files/Annual\\_Reports/Plans/Lake\\_Iroquois\\_Association\\_Management\\_Plan\\_2020-2025.pdf?1d5658947a04f6a0033818d1a9a3dbb48abaff26](https://www.lakeiroquois.org/fileadmin/files/Annual_Reports/Plans/Lake_Iroquois_Association_Management_Plan_2020-2025.pdf?1d5658947a04f6a0033818d1a9a3dbb48abaff26)



“Lake Iroquois – May 10, 1962”



Photo courtesy of the State of Vermont