Presentation to Hinesburg Select Board by Lake Iroquois Association

The Problem

- 3nd highest phosphorus level of all inland lakes in Vermont.
- Highest percentage of boats coming directly from Lake Champlain (location of 48 invasives).
- Little agreement in how the lake should be used.
- Blue green algae blooms evident at the end of the season in 2010 and 2011.
- We are dealing with four towns; most lakes have only one.

Blue-Green Algae, SW Shore

Our History

- Renewed effort began 5 years ago.
- Leadership of Roger Crouse, President for the first 4 years.
- Have written 12 grants in the past 4 years, 10 of them successful.
- Began with less than 20 members, now have over 60.

Our History (continued)

- Have included not only lake shore owners, but the whole watershed.
- Limit our scope to issues relating to water quality.
- Main role is education, research and action to improve water quality.
- Began greeter program 4 years ago. Greeter shed built with funds contributed by Williston Rotary Club.

The Current Board of Directors

- Bob Pasco, Current President
- Roger Crouse, Past President
- Dan Sharpe, Vice President
- Roger Jones, Treasurer
- Kathy Hudson, Secretary
- Steve Lidle
- Chip Wright
- Meg Handler
- Pat Suozzi
- Jim Ross
- Marian Mumford

Current Initiatives

- Promoting the study and implementation of an overlay district.
- For the 4th year hiring paid greeters to educate boaters and check for invasive species at the fishing access.
- A Better Back Roads Grant to mitigate washout on Pine Shore Drive.

Pine Shore Drive Work

Current Initiatives (continued)

- Through a LaRosa Grant, ten (10) tributaries monitored for phosphorus and chloride content, and turbidity to determine the sources of pollution.
- Received a $10,000 grant in 2010 from ANR Clean & Clear to fund an engineering study on the runoff entering the lake from the West Shore.
- We are beginning to implement the recommendations of that engineering study.

Work Below Pond Road Addresses This

Current Initiatives (continued)

- The initial phase took place this September building catch basins below culverts on Pond Road and Shadow Lane.
- Created using money from the Town of Williston to buy stone; and money, labor and machinery contributed by the Town of Hinesburg.
- Working with the Lake Iroquois Recreation District (LIRD) to seek grant money that funds an engineering study to address runoff from the beach parking lot to the lake.

Study at Beach to Address This

Current Initiatives (continued)

- Publishing quarterly newsletters and adding to our website informing water shed residents of our initiatives and recommending best practices. (http://www.lakeiroquois.org/)
- Will hire divers as needed to pull milfoil in public areas, and are educating property owners to do the same.

How we have used Hinesburg funds

- $5,000 was approved by Hinesburg Select Board, summer of 2012, to pay for renting equipment used to build basins by Shadow Lane.
- **Thank you!**
- **Other thanks:** Joe Colangelo, Andrea Morgante and Mike Anthony

Use of Hinesburg Contributions

- Mike Anthony arranged labor and rented equipment to build basins by Shadow Lane.

Pond Road Basin

Plans for the Future

- Continue to work with state and town officials to help improve water quality on the lake.
- Increase membership by 20% for each of the next three years.
- Continue to build liaisons with state and local groups (state: ANR and FOVLAP, local: LIRD and conservation commissions).
- Continue to update and distribute the publications that we have created.
- Carry out an engineering study of erosion patterns on Dynamite Hill above Pond Road.

Runoff From Dynamite Hill, 9-8-2012

What We Need From You

- Regular line item budget contributions to LIA.
- We are asking the same from the other three towns bordering the lake.

For a Cleaner Lake!