Engaging the Local Community in Lake Management

Glen Lake Association’s Efforts to Encourage Watershed Residents to be Good Stewards
The Glen Lake Association and the Glen Lake-Crystal River River Watershed
Glen Lake/Crystal River Location
Glen Lake/Crystal River Watershed Permanent Land Protection Project Base Map

Legend
- Townships
- Public Land (State or Federal)
- Lake
- GLCR Watershed
- Roads
- Streams

Source:
Watershed boundary provided by MDEQ (1:24,000 scale)
Hydrology provided by MDNR (MIRIS 1:24,000 scale)
Transportation data provided by LIAA
Lake Association

- Structured, having well defined Committee Responsibilities
- Regular meetings
- Ideally would include township representatives
Glen Lake Association

History

- GLA Founded in 1954 when dam site was deeded over from GL Improvement Assn
- Incorporated as a 501(c)(3) Non-profit in 1994
- Developed by-laws as required by incorporation

Committees

- Auxiliary
- Communications
- Development
- Finance & Investment
- Historian
- Invasive Species and Boat Wash
- Long Range Planning
- Membership
- Newsletter
- Nominating
- Recreation (Fisheries, Wildlife, & Water Safety)
- Water Level
- Water Quality (includes Swimmers Itch)
- Web Site
Watershed Management Plan

Major stakeholders on planning committee typically include:
Lake Association, County/Township/Municipality Government Representatives, Road Commission, Park administrators, MDEQ, etc.
Glen Lake-Crystal River Watershed Management Plan Partners

- Glen Lake Association
- Friends of the Crystal River
- Michigan Department of Environmental Quality
- Michigan Department of Natural Resources
- Conservation Resource Alliance
- Leelanau Conservancy
- Leelanau Conservation District
- Natural Resources Conservation Service
- Sleeping Bear Dunes National Lakeshore
- Leelanau County
- Glen Arbor, Cleveland, Kasson and Empire Townships
- Crystal River Outfitters
- The Leelanau School

Focus will be on water quality recruitment and duties

Water quality activities – many duties and largest budget – we focus on many water bodies within the watershed

Big Glen, Little Glen, Fisher Lakes, Brooks Lake, Hatlem Creek and Pond, and the Crystal River
CLMP Monitoring

• Secchi Disk Transparency
• Total Phosphorus
• Chlorophyll a
• Aquatic Plant ID and Mapping
• Exotic Aquatic Plant Watch
Water Quality Committee
Volunteers at work monitoring our Lakes and Stream

John Lund
Andy DuPont, Bruce Lichliter
Cal Killen
Emery/Sharon Blanksma
Elaine Pentilla, Barb LeJeune
June and Gerry Powley, Mike Litch, Rob Karner
Sarah Litch, Linda Stephan
Bruce Lichliter
John Hayes
Cal Killen, John Hayes
Roy and Elaine Pentilla
Gerry and June Powley
Water Quality Committee
Post Snow melt 2014
**WQ Committee Recruitment**

* Capitalize on **crisis issues** and invite neighbors and local groups to assist water quality members in their field work
  - Excessive Aquatic vegetation
  - E.coli threats
  - Shoreline terrestrial invasive species surveys
* Involve local organizations to assist with regular projects
  - e.g. GL Garden Club or students from local high schools to help fight terrestrial plant invasive species (colts foot surveys, etc.)
* Presentations to local organizations showing committee activities i.e. -
  - Lion’s Club, GL Garden Club, GL Yacht Club
Coltsfoot – A new Terrestrial Invasive
Local Women’s Club

GL Garden Club Women Survey and Dead Head Colts Foot
Glen Lake HS Envirothon Students

Survey Coltsfoot
Hatlem Creek Benthic Invertebrate Monitoring Program
June 2006- June 2009

Committee Members and invited volunteers monitor Hatlem Creek
Macro invertebrate survey performed 3 years on 3 major creek reaches Spring and Fall
Volunteers Building New Invasive Species Power Wash Shed
The Invasive Species Power Wash Shed Today
Training for Boat Wash Staff and GLA Board Members
Watershed Roadside Marker Signs

Committee Member with volunteer helper
Leelanau School and Glen Lake HS Envirotthon Students

Assist with Aquatic Plant Surveys
Leelanau School Students

Remove curly-leaf pondweed: Contain and Harvest
Create Interest
Communicate Activities

Keep the membership informed of work that is being done by committees

• Association Newsletter, web page, email blasts, mailings, local newspapers, Facebook, etc.
• Association annual meetings
• Word of mouth
Newsletter

Alligator & Inspiration

Glen Lake Association
Alligator & Inspiration

A Message from Our President
Peter Anderson

As I write this, it’s a perfect Saturday morning before Labor Day 2011. Glen Lake is quiet, calm, it’s 70 degrees with sunny skies, and I just had to look out at that lake because I heard a bird’s song by the water. Beautiful! It looks and feels like Labor Day weekend will be a lovely weekend to another fantastic summer at your favorite place on the planet.

A year ago at our first ‘message’ as President of the GLA, I noted two items that surprised me. One was how many people I was not previously not fully aware of just how many people believed in our vision to legally protect our lakes for future generations and was very exciting to hear publicly where it’s going, and 2) I was surprised at how many landscape architects we got in.

Because we are very lucky to have two items noted and clearly linked. One is, many people are newly aware of the work the GLA does to enhance the value of their homes and communities. Our Membership Committees, after a lot of research, has been a very successful way to increase awareness of the GLA and our initiatives and GLA membership. We’ve welcomed 25 new members and have identified options for each one. It will be the responsibility with [redacted] members to let others know about the GLA’s mission.

Ultimate: we hope these neighborhood groups will, with help from our volunteer, share vision and foster the GLA’s mission.

So, thank you for your ongoing support and for your commitment to protecting our lakes for future generations. We look forward to continuing our efforts in this next newsletter, and to see you next year.

Enjoy the Summer and don’t forget to check out the www.glenlakenewsletter.org website to keep up to date on all our goals.

Have a wonderful Summer!

Kris’s Notes:
Water Level Committee Update

Pond Preservation

Membership Awards

Finance Report

Development Committee Update
Water Quality Stewardship Education

Originally provided to all watershed residents
Presently supplied to new riparian residents
WQ Committee Member Retention

* GLA pay for prospective WQ volunteers attendance at ML&SA annual meetings for CLMP training
* Slot new volunteer into interest area
* New member shadows experienced members 1st year
  - Involve with hands-on tasks
* Recognize work and successes of WQ volunteers through -
  - Stewardship awards at Annual meetings, Web page, newsletters, social media, local papers,, etc.
New WQ Committee Members Attending CLMP Training Sessions
Glen Lake Annual Stewardship Awards
Stewardship Awards

Given For

* Lake-friendly home/lot design and construction by home owners
* Lake-friendly landscaping by homeowners
* Lake-friendly protection strategies by local units of government
* Exceptional and sustained service toward watershed stewardship
Stewardship Awards

McShane Shoreline, Big Glen Lake

Steve Yancho
SLBE Chief of Natural Resources
Leadership - a Key Ingredient

Where do leaders come from?

- Inspiration through involvement and education
- Appreciation of a fragile natural resource as a gift of nature
- The desire to become stewards for protection
- Stewardship education
  - Attendance at annual and regional conferences
  - CLMP courses
  - ML&SA Leaders Institute
Questions?