

Protecting and Restoring Shorelands and Shallows

DNR Grants Are Here to Help

31 March 2010

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Today's Presentation

- **Grant background and types**
- **Activities and example projects**
 - **Shoreline restoration toolbox**
- **The grant pathway**



Background

- Water Resources Account
- Motorboat tax at gas pumps
- Estimated 50 gal/registered boat
- \$12-13 million/year for various grant programs and positions
- \$6.5 million in lake planning, protection & aquatic invasive species projects annually



Grant types

Planning (1990s) ~\$1M available/year

- Small- and large-scale sub-categories
- \$3K or \$10K state share with 25% match
- \$100K cap/lake
- Feb and Aug deadline
- Education, organizational development, and other studies or planning projects
- Small - do no harm.
- Large – may be phased.

Grant types

Protection (1990s) ~\$1.5M available/year

- Plan implementation, shoreline/wetland restoration, land acquisition, ordinance development, and lake classification subcategories
- \$50K to \$200K state share with 25% match
- May deadline
- Approved management plans required for plan implementation
- Prohibitions on certain activities (e.g. dredging)

Grant types

Aquatic Invasive Species (2005) ~\$4M available/year

- Education, prevention & planning; established population control; research & development; and early detection and response subcategories
- \$10K to \$200K state share with 25% match
- February and August deadline
- Approved management plans required for established population control

Create I&E tools...

- Burnett and Bayfield Counties' and Balsam Lake's *Controlling Runoff on Your Waterfront Property*
- Balsam Lake's *Self Evaluation Checklist for Waterfront Runoff*
- Bayfield County Lakes Forum's *Bayfield County Lakes Reflections*

Controlling Runoff and Erosion from Your Waterfront Property
A Guide for Landowners

A project of
 Bayfield County Land and Water Conservation Department
 Burnett County Land and Water Conservation Department
 Balsam Lake Protection and Rehabilitation District
 Harmony Environmental
 Wisconsin Department of Natural Resources

June 2008

Self-Evaluation Checklist for Waterfront Runoff

Runoff from waterfront property impacts lake water quality and may cause unsightly erosion problems for you.

Use this checklist to assess the need for water quality improvements on your property.

- Analyze water flow patterns and sources of runoff on your lot
- Consider potential solutions to runoff problems
- Find out where to go for additional assistance

A project of
 Balsam Lake Protection and Rehabilitation District
 Burnett County Land and Water Conservation Department
 Deer Lake Conservancy
 Harmony Environmental
 Wisconsin Department of Natural Resources

Graphic design: K&L Design, Inc.

Visit BayfieldCountyLakes.org for all your lake information!

Bayfield County Lake Reflections

This is the premier newsletter for the Bayfield County Lakes Forum, Inc. Thank you for sharing this newsletter with others.
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County leads State with aquatic plant transport law

The BCLF, in concert with our Land and Water Conservation and Sheriff's Departments, is now working with others within and beyond Bayfield County borders to get the word out about this new ordinance. Each Bayfield County lake association will be asked to inform their members through newsletters and other announcements. The BCLF will distribute posters for display at boat shops, bars, gas stations, resorts and similar firms. The Forum will also work with the media to help spread the word. BCLF and WAL are also urging our Wisconsin Legislators to make this a statewide regulation.

Here's some of the wording of the new county ordinance:
 Sec. 16-2-3) Prohibited Transport of Aquatic Plants and Animals.
 No person may transport any boat, boat trailer, personal watercraft and its associated trailer, canoe, kayak, or boating equipment from navigable waters onto a public highway if aquatic plants or animals are attached, or to do so in violation of an order from a law enforcement officer who has reason to believe that aquatic plants or animals are attached. These provisions shall apply to all persons who transport any boat, boat trailer, personal watercraft and its associated trailer, canoe, kayak, or boating equipment from navigable waters onto a public highway if aquatic plants or animals are attached, or to do so in violation of an order from a law enforcement officer who has reason to believe that aquatic plants or animals are attached. These provisions shall apply to all persons who transport any boat, boat trailer, personal watercraft and its associated trailer, canoe, kayak, or boating equipment from navigable waters onto a public highway if aquatic plants or animals are attached, or to do so in violation of an order from a law enforcement officer who has reason to believe that aquatic plants or animals are attached.

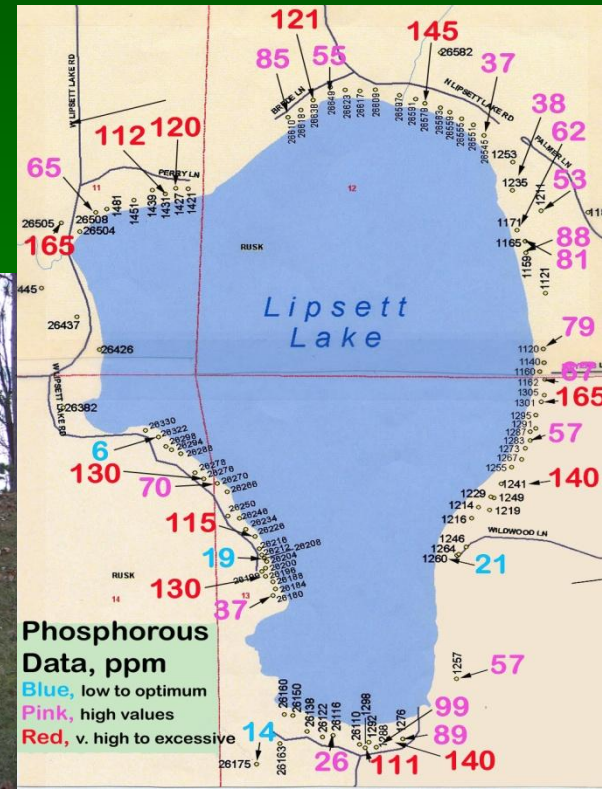
MOVING BEYOND FISCHRIBS
 Bait Liberation, Land and Water Conservation Dept.

Thought to improve the fishery. Cuts don't produce fish, they just make their easier to catch. Heavy all time record of fish and spawning activity take place

Educate neighbors about a specific lake issue...

Lipsett Lake, Burnett County

- Soil nutrient testing on properties around the lake with P-free fertilizer coupons
- Shoreline restoration workshop with native plant coupons
- Boat landing kiosk
- Clean Boats Clean Waters
- Hydrology monitoring



Engage local government and community in lake stewardship...

Town of Minong Lake Fair, Washburn County

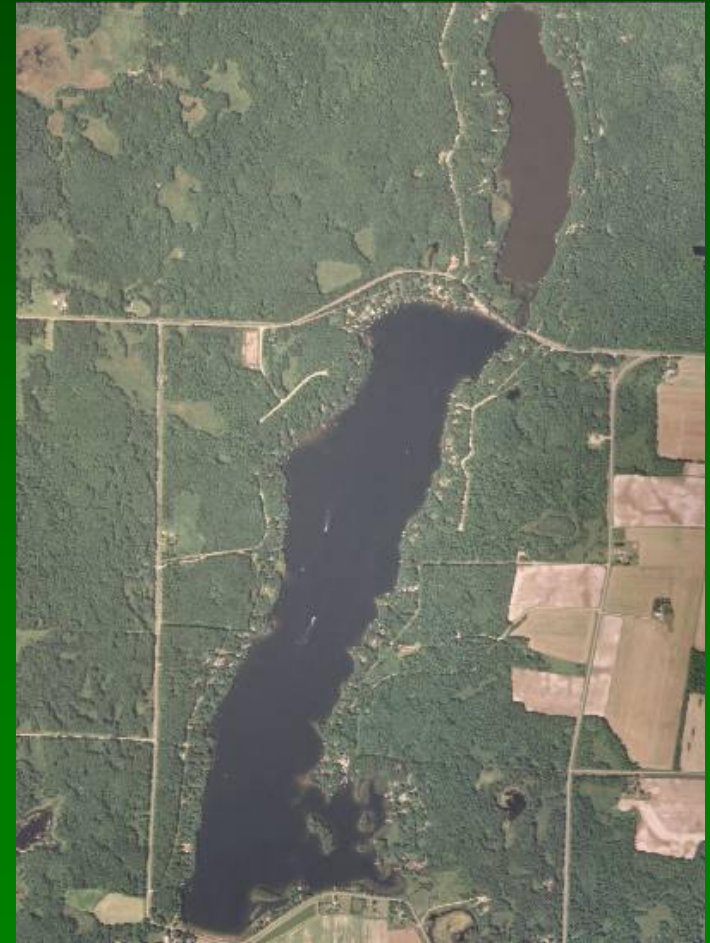
- Minong Town Lake Committee planned event over ~9 months
- Presentations, exhibits, vendors, free lunch (!) and hands-on activities for kids and adults
- Lake fair – 626 served lunch, 800-1000 estimated attendance



Develop a plan to do something...

Pipe Lakes, Polk County

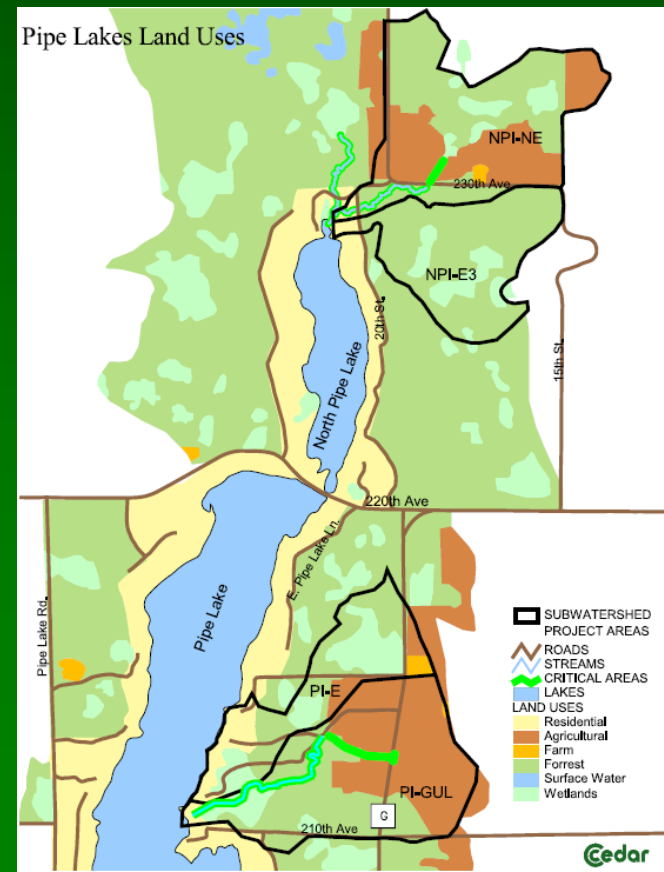
- 6 planning grants over 8 years totaling \$53K
- Lake, tributary, aquatic plant, and shoreline monitoring
- Modeling
- Sociological survey – including property owner interest survey for lake protection project
- Comprehensive planning with Five Year Action Plan approved for lake protection grant purposes



Implement activities recommended in an approved management plan...

Pipe Lakes, Polk County

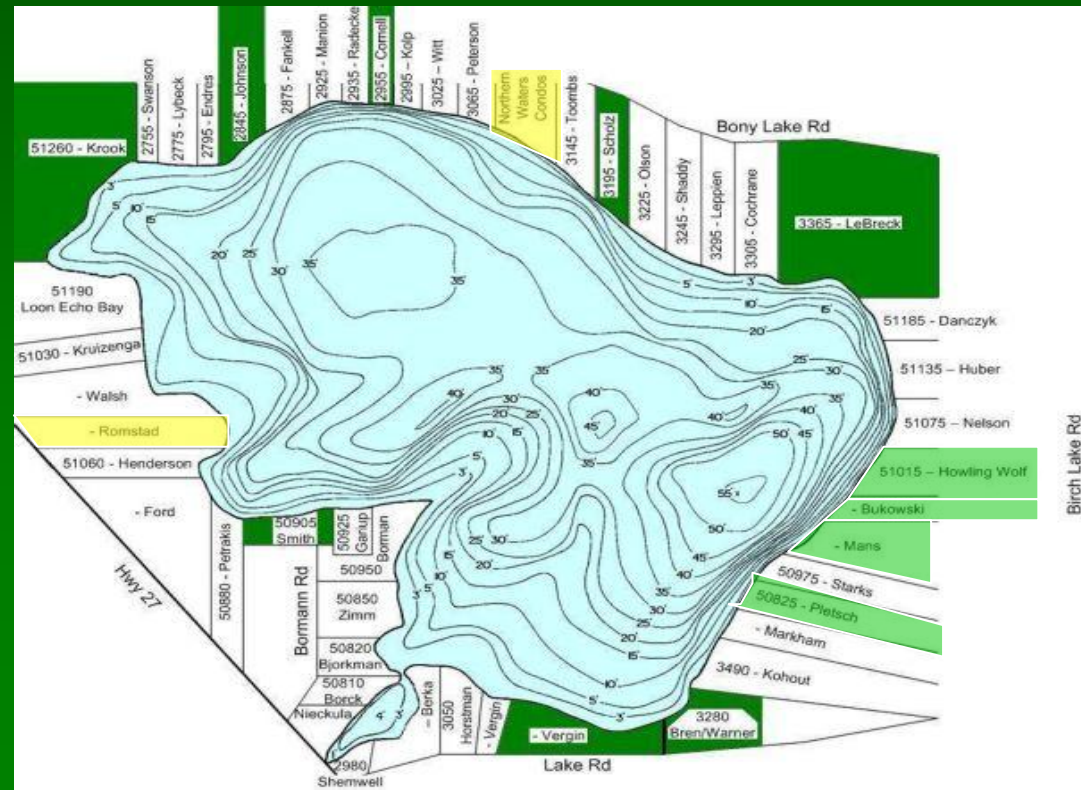
- Restore shorelines and install infiltration practices
- Replace culverts
- Stabilize streambanks
- Upland detention basins
- Monitoring



Restore shorelines around lake(s)

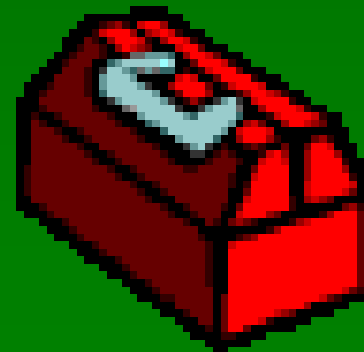
Bony Lake, Bayfield County

- Shoreline restoration, woody habitat, and infiltration/diversion practices
- I & E and monitoring
- 50% property owners committed



Shoreline Restoration Toolbox

- Champion(s)!
- Partners!
- Community event (e.g. Minong Lake Fair or Lipsett Lake Shoreline Restoration Workshop)
- Property owner interest survey
 - PO commitment letters
- Project Plan
 - Timeline
 - Documents (e.g. covenants, restoration plans)
 - Contractors
 - Plants
 - Etc.



Permanently protect land...

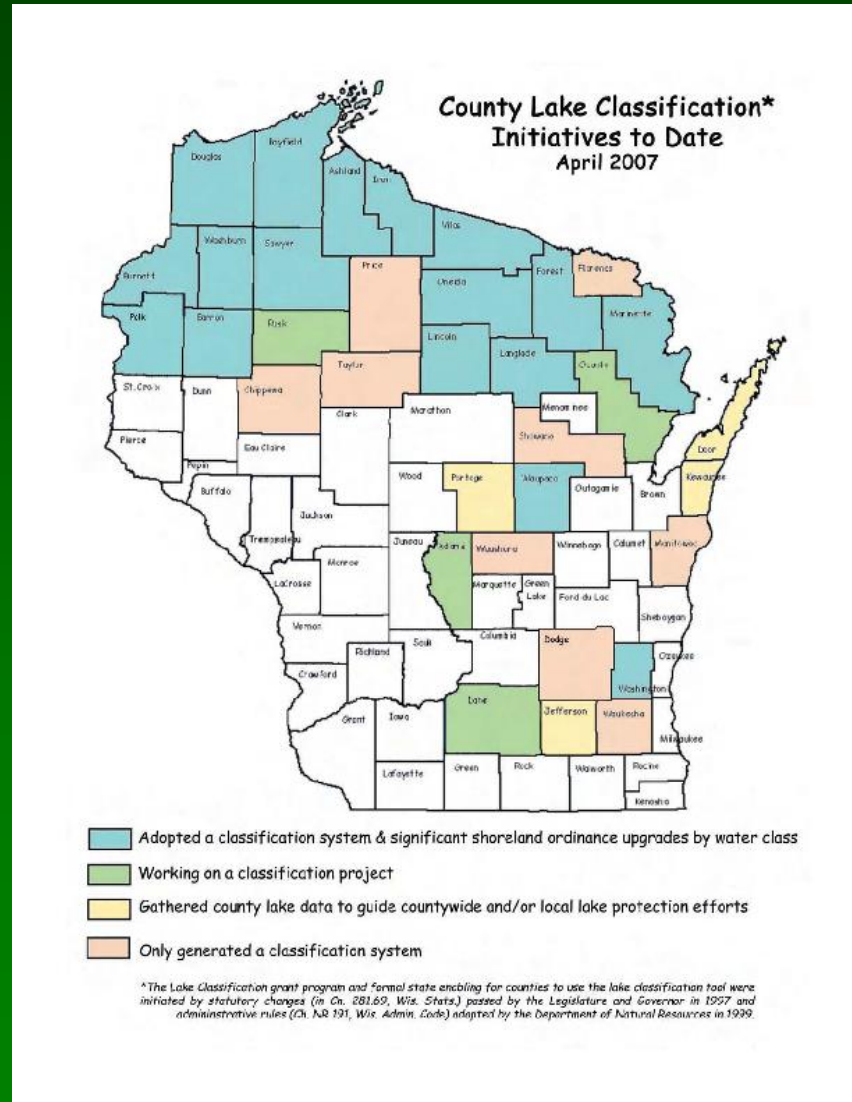
Ted Griggs property, Whitefish Lake, Douglas Co.

- 37 acres, 1/2 mile frontage, 4500 feet wetland frontage
- Critical Habitat Site, pink lady slipper, loon, sandhill crane, trumpeter swane, prairie remnant,



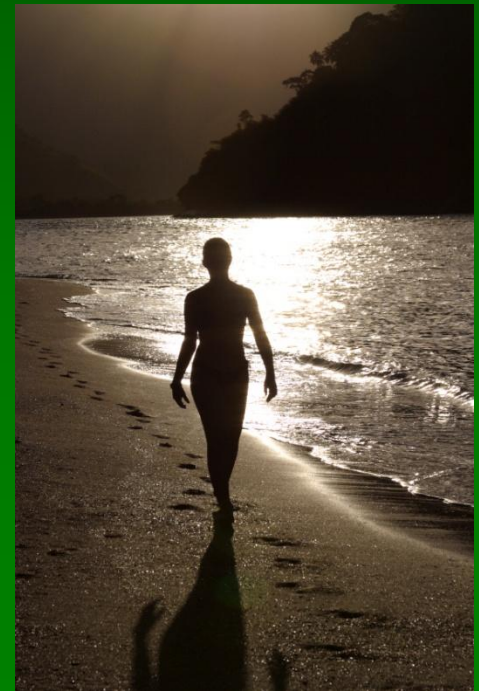
"If you don't do it, who will?"

Classify lakes (county-only) or develop lake-related regulations



The grant pathway...

- Talk with DNR Lake Coordinator and Environmental Grants Specialist and county land/water conservation staff
- Determine grant eligibility
- Plan, plan, plan
- Review what we already know
 - ask around
 - self-help lake monitoring data
 - previous reports/projects(including those from other agencies)



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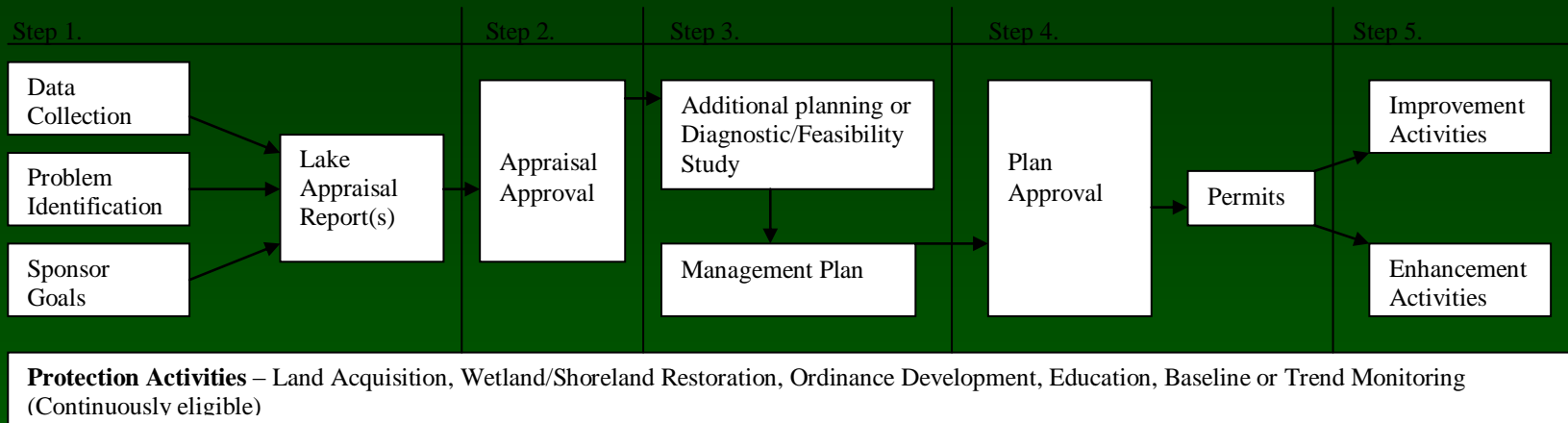
- Develop questions
 - Can they be answered with existing information?
 - Perceived or real?
 - E.g. low water level in a seepage lake in a drought year



...

- Shop for consultants for grant writing (optional) and project implementation
 - County LWCD, private consultant, or other
 - Local contractors
 - Use choosing a consultant tools
- Engage others (e.g. neighbors, locals that don't live on lake, elected officials, county conservationist, DNR staff)
- Be patient and persistent!
 - Grant prep takes time





Step 1. Appraisal

Collect existing easy to obtain data plus one year of basic water quality data. ID what is known about the lake, what problems are perceived and what people desire. A comprehensive assessment that characterizes the resource determines lake's ecological potential and sets general management strategy. Lays the groundwork for future activities.

Protection Activities are continuously eligible - do not require plan approval. However, some data for application requirements

Step 2. Appraisal Approval

DNR approval step where partners agree on appraisal that sets a "charter" for general lake management directions. Assure foundation for future management and avoids unnecessary planning. Department/partners determine level of assistance and commitment of resources i.e. "charter" Check point for data, should fulfill all basic lake data needs. Results in an approved study plan including a commitment to phased planning grants

Step 3. Management Plan

Creation of a management plan with specific management objectives. May proceed on single track i.e. APM, water quality, lake use, habitat or be comprehensive.

Step 4. Plan Approval

The local community or sponsor must adopt the plan and request DNR (and other agency's if applicable) approval. Approval of specific recommendations are required for implementation of improvement or enhancement activities. Public hearings, Environmental Assessments and permits (local, state and fed) must be completed if required. Plan should clearly state who does what and when. Plan can be approved all or in part and the sponsor may apply for protection grants for implementation.

Step 5. Plan Implementation

Handouts & Contacts

- Planning, protection, and AIS grant fact sheets
- Minong Lake Fair project report and meeting minutes
- Lipsett Lake project report
- Example I&E publications
- Pipe Lake property owner interest survey
- Bony Lake website (bonylakewi.org)
- Lake classification
(<http://www.wisconsinlakes.org/lakeclassification.html>)
- Contacts – list up front

Contacts

- **Minong Lake Fair**
 - Sam Lewis sandslewis@msn.com or 715-466-2591 and 651-430-0636
 - Russ Robinson russrobinson@centurytel.net or 715-466-4152
 - Tony Tubbs feetinsurf@centurytel.net or 715-466-2557
- **Lipsett Lake project**
 - Bob Baker robert.w.baker@uwrf.edu or 715-425-3345
 - Dave Ferris dferris@burnettcounty.org or 715-349-2186
- **Example I&E publications**
 - Dave Ferris (Runoff Guide) dferris@burnettcounty.org or 715-349-2186
 - Cheryl Clemens (Self Evaluation Checklist) Harmonyenv@amerytel.net or 715-268-9992
 - Jim Brakken (BCLF Newsletter) jim.brakken@yahoo.com or 715-798-3163
- **Pipe Lake project(s)**
 - Larry Bresina (planning) labbresina@comcast.net or 651-735-0019
 - Carol Vantine (protection) carolvantine@gmail.com or 612-926-7990
- **Bony Lake project** (bonylakewi.org)
 - Carol LeBreck carol.k.lebreck@uwrf.edu or 715-425-6904
 - Butch Lobermeier blobermeier@bayfieldcounty.org or 715-373-6167
- **Whitefish Lake conservation easement**
 - Ted Griggs tolarbgriggs@msn.com or 715-376-2675
- **Lake classification and Ordinances**
(<http://www.wisconsinlakes.org/lakeclassification.html>)
 - WAL or your county

