

**Walworth County Lake Protection & Shoreline Habitat Restoration Project**  
**Grant Objectives 2-Year Final Report**  
**Jan 1, 2006 – Dec 31, 2007**

**Site Specific Native Habitat Restoration Designs and Technical Assistance**

- **Shoreline Habitat Restoration assessments and Designs (5) per year**  
(12) shoreline habitat assessments & designs completed
- **Educational Native Shoreline Habitat Restoration presentations/workshops (4) per year**  
(15) Presentations/workshops have been given
- **Shoreline habitat Restoration Design Workshops for landscapers/contractors (1) per year**  
There have been (5) Shoreline habitat Restoration Design workshops held for landscapers/contractors in 2007
- **Distribute Native shoreline Habitat Restoration Packets (250) per year**  
Approximately 600 native shoreline habitat restoration packets have been distributed

**Lakeshore Stabilization Education and Designs**

- **Shoreline stabilization assessments and designs (3) per year**  
(7) Shoreline Stabilization assessments and designs have been completed
  - Meyer - Whitewater -Pleasant lake Girl Scout Camp
  - Skatazak - Beulah - Lodder Property – Lake Comus
  - Vogus – Delavan - Dow Property - Beulah
  - Terrace Park – Delavan
- **Shoreline stabilization workshops for landscapers/contractors (1) per year**  
(2) Workshops Held Jan 21, 2006 & Feb 27, 2007
- **Hands-on bioengineering training workshops for landscapers and contractors (2) per year**  
Hands on Planning held Feb 21  
Hands on Installation of Biolog and a Native Shoreline Buffer held May 18, 2006  
Hands on Installation of (3) separate bioengineering techniques: coconut fiber biolog, soilwraps and envirobags.held June 14, 2007  
In addition: There have been (19) – 2 hour one-on-on sessions to assist landscapers with design and permit applications
- **Bioengineering and shoreline stabilization workshops and presentations for homeowners, lake districts, lakes associations, etc (3) per year**  
There have been (9) presentations for homeowners, etc with discussion on bioengineering and shoreline stabilization  
There have also been (25) individual meetings with homeowners & (10) individual meetings with landscapers
- **Educational Bioengineering materials and Methods Display**  
This display is complete – additional materials may be added to the display over time  
Note: Many of the traditional bioengineering use extremely aggressive native woody species such as willow and dogwood. These materials, while they do add important root structure, they can also create a monoculture that will completely over grow shorelines. There are very few landowners in Walworth County that are willing to plant these species on their very expensive shorelines because in Walworth County, once planted they can not even be trimmed without a zoning permit which generally will not be given for native species. Information on alternative native species have been provided for use in these systems.
- **Educational Shoreline Stabilization/Restoration Project Record**  
The Educational Shoreline Stabilization/Restoration Photo Record has been assembled

**Lake Education Partnerships Initiative**

- **Workshops and group presentations about native shoreline restoration for erosion control, Habitat restoration and shoreline stabilization (4) per year**  
There have been (11) workshops & group presentations and 59 meetings with individual property owners.

**\*Protection of water quality with best management practices workshops/presentations (2) per year**

There have been (8) workshops and presentations held

- **Pontoon Classroom Education Day Workshops for the education about lake ecosystems and best management practices (1) per year**  
(2) pontoon classroom education day workshops were held:  
One at Delavan Lake for 4<sup>th</sup> and 5<sup>th</sup> graders from 3 Delavan Schools in 2006  
One Walworth County Lake Assn Lake Faire which included a pontoon classroom was held on Lauderdale Lake on July 28, 2007 (46) elected officials and other adults attended  
An educational presentation on raingardens was given in April for the Student Summit in Pewaukee
- **Distribute “Native Shoreline Restoration” information packets to lake residents (600) per year**  
Approximately 1228 information packets have been distribute to date  
**Among the information distributed was A Homeowners Guide to Native Shoreline Gardens, this informational guide is currently being added to the Walworth County website so that it will continue to be available to lake residents.**
- **Created Conservation Plan Assistance Packet** for Landowners and Landscapers that are working to remove exotic invasive species, such as buckthorn and honeysuckle, from their shoreline property. Approx. 100 packets have been distributed with the Walworth County zoning permit applications. **This packet of information has been added to the Walworth County Website so that it will continue to be available to lakeshore residents**
- **Wrote lake education newsletters** for publication in lake organization newsletters. These articles were requested by the various lake organizations.
  - (10) news articles have been completed for lake organization newsletters during 2006 and 2007