



GERVAIS LAKE SHORELAND PROJECT SUMMARY



Grant Partners: Gervais Lake Association; Ramsey-Washington Metro Watershed District;
Department of Entomology; University of Minnesota

The Gervais Lake Shoreland Project was initiated in 1997 to provide landowners with information on sustainable management and provide options of native landscaping on Gervais Lake's Shorelands. The partners are committed to the conservation of water quality and biodiversity.

History of Project:

- Winter 1997/98 - Planted seeds of over 40 plant species native to Minnesota in 250 soil flats. Put in cold storage for two months. Applied fungicide and watered flats frequently.
- February 1998 - Placed seeded flats in University of Minnesota greenhouse to germinate.
- March to June 1998 - Grew seedlings in greenhouse. Transplanted extensively as plants grew. Seminar series at Maplewood Nature Center and MN Landscape Arboretum. Twelve presentations on sustainable management.
- April to June 1998 - Designed landscaping plan and prepared sites. Planted prairie and wet meadow of Gervais Lake sites with the help of local schools and community. Planted emergent vegetation and transplanted cattails. Planted research sites at University of Minnesota, St. Paul campus.
- March to July 1998 - Researched and wrote Gervais Lake bulletin, "Sustainable Landscapes and Management for Shorelands" and CUES slide set to accompany bulletin.
- July 1998 - Compiled Gervais Lake Shoreland Project Sustainability Manual for Gervais Lake community. Community education day with Gervais Lake Association.
- June to August 1998 - Designed and collected data on biodiversity benefits of native landscapes.

Accomplishments:

- ✓ Native vegetation poster
- ✓ Gervais Lake bulletin, "Sustainable Landscapes and Management for Shorelands," including MN native plant species list.
- ✓ Gervais Lake Shoreland Project Sustainability Manual
- ✓ Demonstration sites on Gervais Lake (3) and University of Minnesota, St. Paul Campus (1)
- ✓ CUES slide set on sustainability to accompany bulletin.
- ✓ Seminar series at two sites for community program on sustainable management.
- ✓ Earth Day celebration at Maplewood Nature Center.

Collaborators: Minnesota Department of Natural Resources, Greater St. Paul Retired and Senior Volunteer Program, Expo Middle School, Roseville Middle School, Centerpoint School, Ramsey-Washington Metro Watershed District's Natural Resources Board, City of Little Canada, Barr Engineering, Master Gardeners Program, and shoreland owners.

Websites on sustainable management:

University of Minnesota Extension Service, www.extension.umn.edu
Minnesota Department of Natural Resources, www.dnr.state.mn.us
CUES, Center for Urban Ecology and Sustainability, www.ent.agri.umn.edu/cues/cues.htm
Sustainable Urban Landscape Information Series, www.umn.sustland.edu

For more information:

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Watershed District, 615-704-2089

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