

Lamoille Watershed Trees for Streams



Lamoille County Natural Resources
Conservation District & Nature Center

Morrisville, Vermont



Trees for Streams:

- Local riparian planting program
- Volunteer based
- Cost share opportunity
- Outreach & education



Planting the seed...

Net loss of farmland

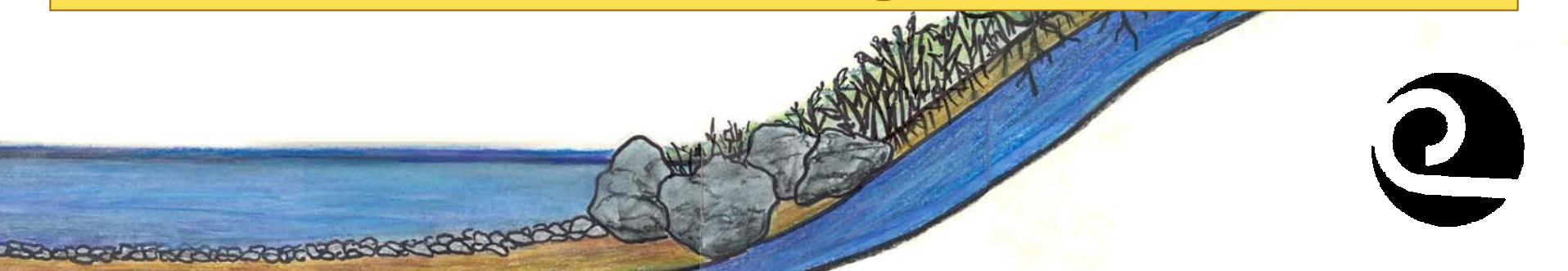
➔ Average loss of 560 acres/year over 10 years

Three flood events in the 1990's

➔ Project Impact (FEMA)

➔ Stream Stability Assessment

Land Conversion + Flooding = Trees for Streams

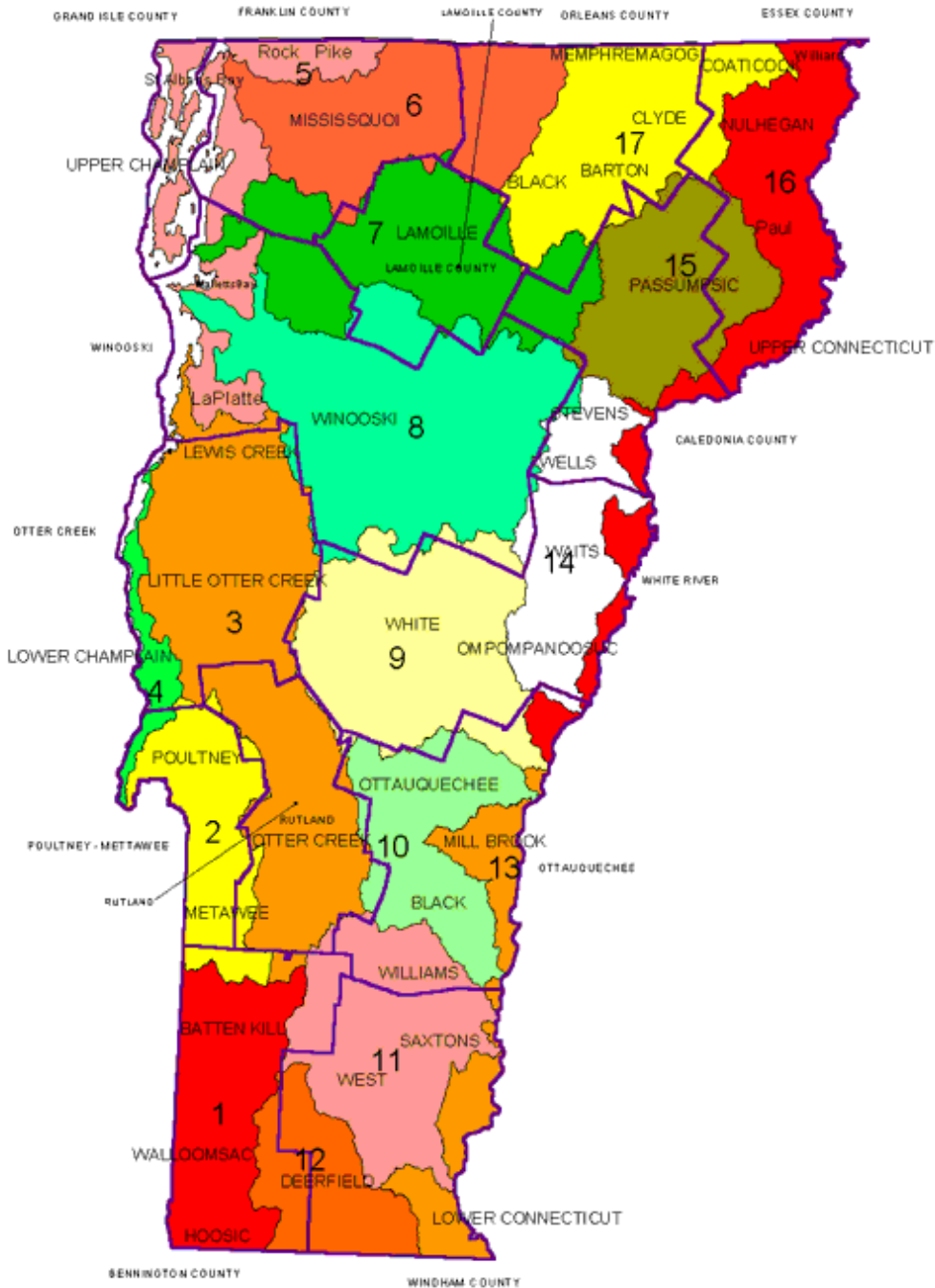


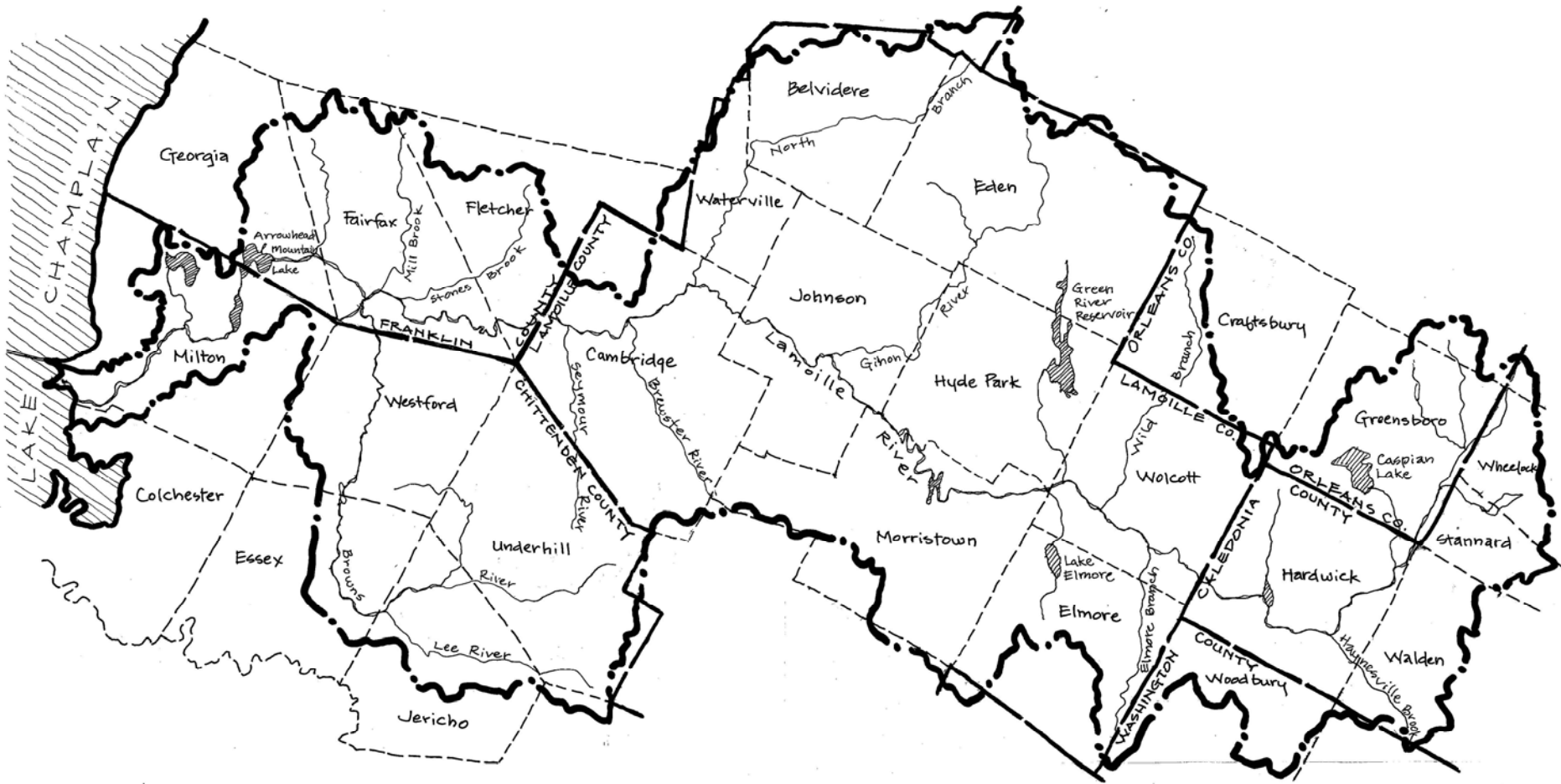
Since 1999....



- Over 100 landowners served
- Over 9 miles (47,000 l.f.) of riparian vegetation installed
- Over 22,000 stems planted







The Lamoille Watershed



Buffer Programs in the Lamoille

CRP/CREP/VABP

To buffer water bodies
from adjacent
agricultural land use



Buffer Programs in the Lamoille

Trees for Streams

Adjacent land use

Buffer connectivity

Wildlife habitat

Landowner willingness

Education & Outreach

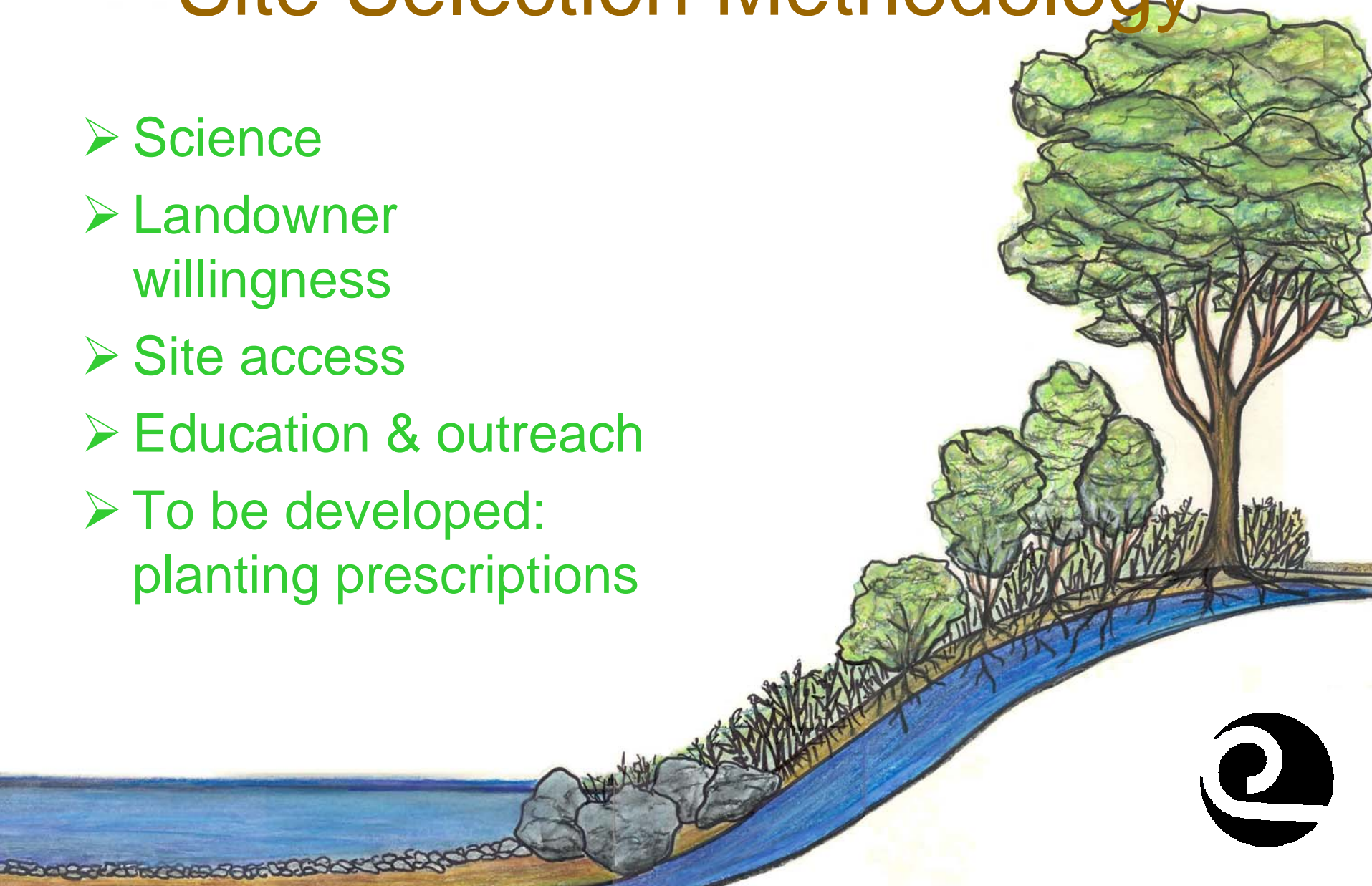
Bank erosion

Public visibility/access



Site Selection Methodology

- Science
- Landowner willingness
- Site access
- Education & outreach
- To be developed:
planting prescriptions

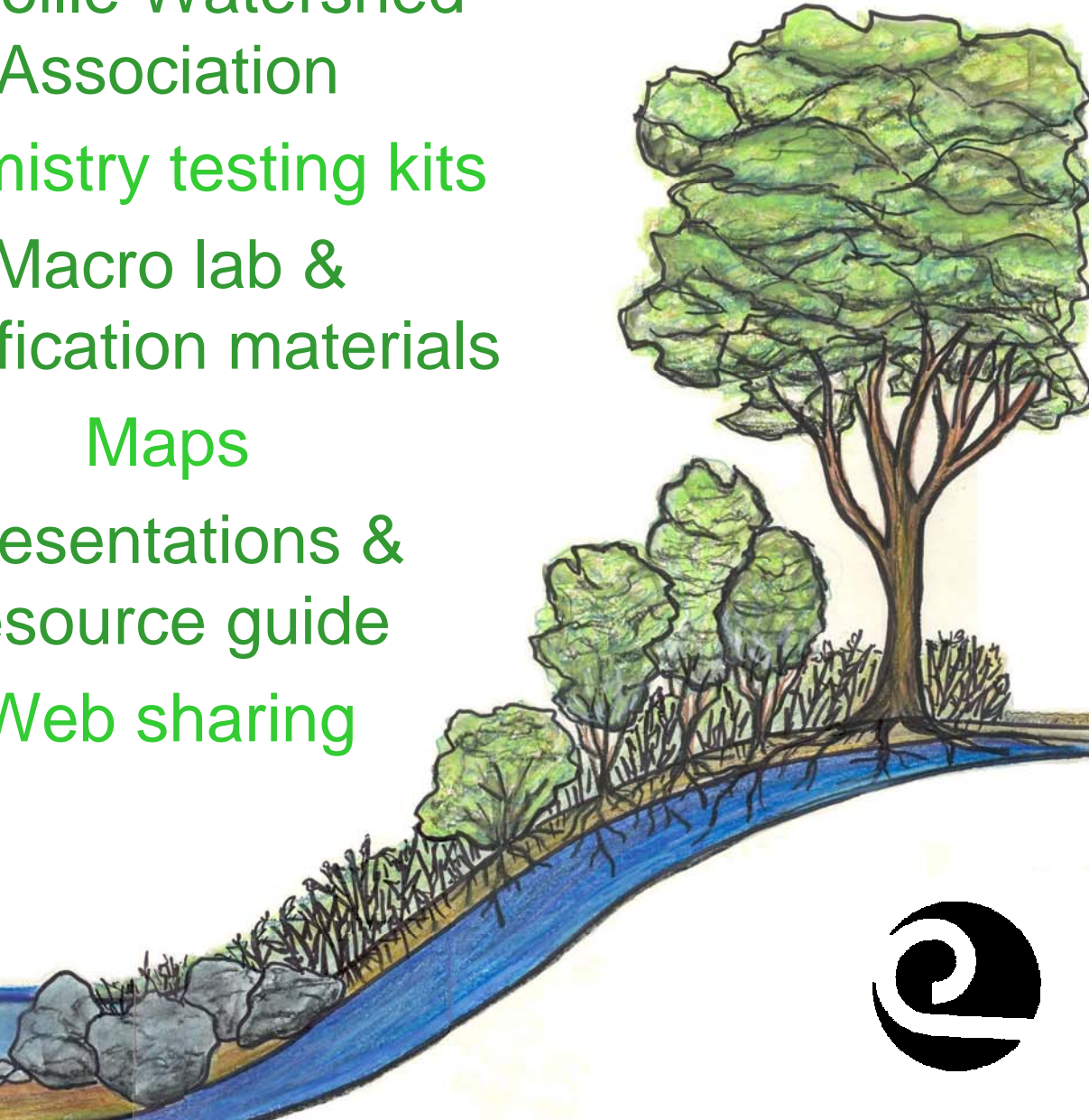


Education & Outreach

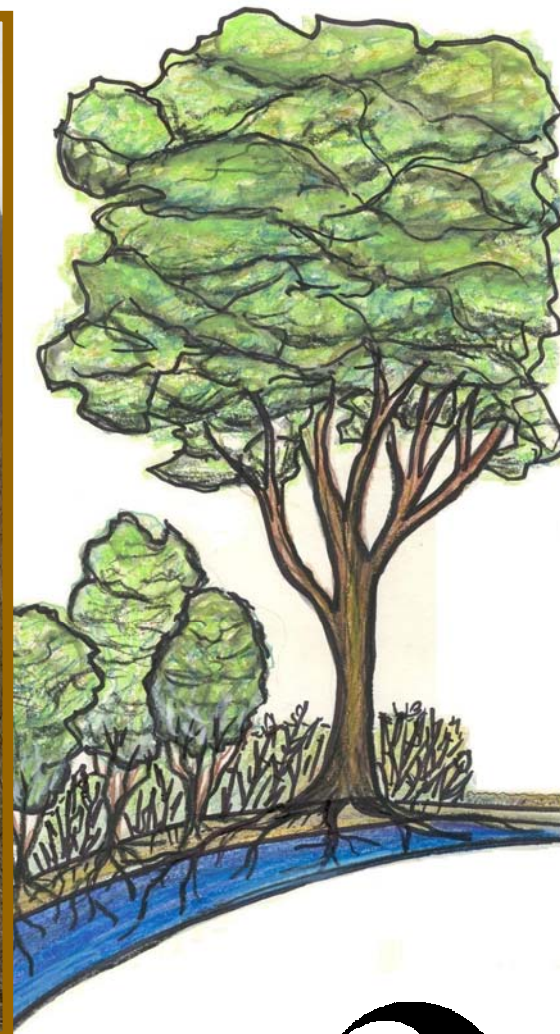
- Landowners
- Donors
- Community
- Students



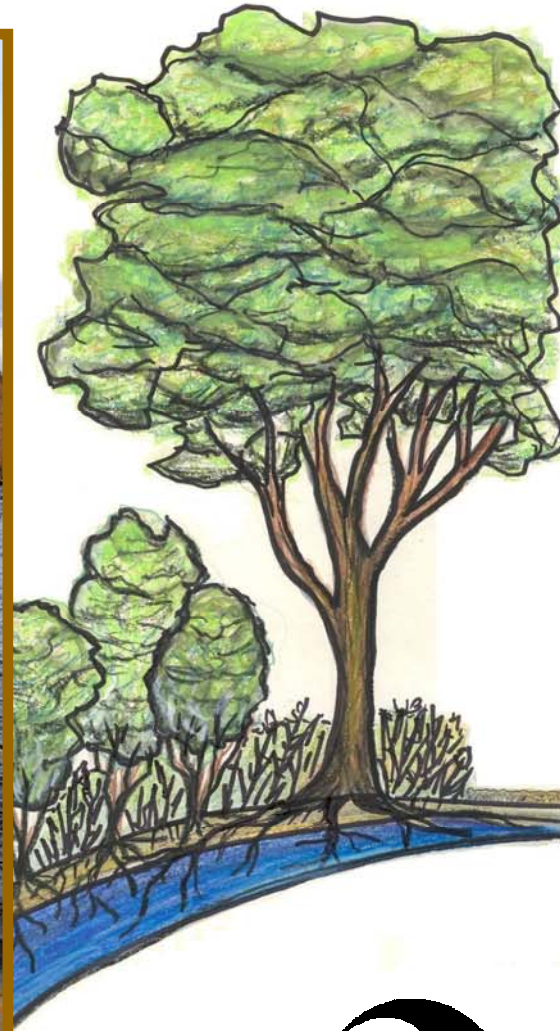
Lamoille Watershed
Association
Chemistry testing kits
Macro lab &
identification materials
Maps
Presentations &
resource guide
Web sharing



\$1.30/stem

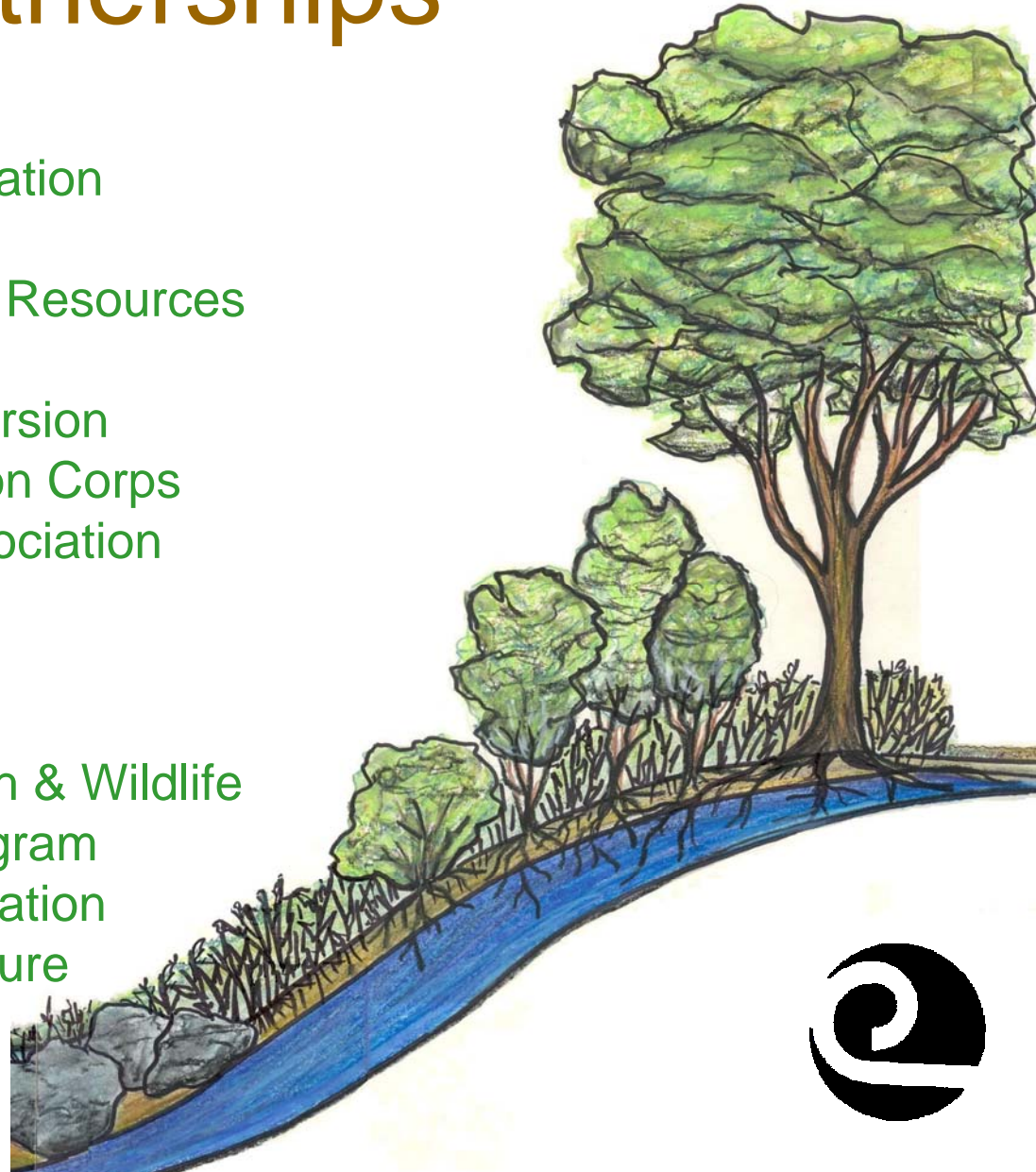


2,200 volunteers hours x \$10/hour = \$22,000



Partnerships

- 5 Conservation Districts
- Lamoille Watershed Association
- USDA NRCS
- Vermont Agency of Natural Resources
- 11 Middle & High Schools
- Lamoille County Court Diversion
- Vermont Youth Conservation Corps
- Lamoille River Anglers Association
- Rotary Clubs
- Planning Commissions (3)
- US Fish & Wildlife Service
- Vermont Department of Fish & Wildlife
- Lake Champlain Basin Program
- National Wild Turkey Federation
- Vermont Agency of Agriculture
- Johnson State College







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