

EFFECTIVE SMALL-SCALE STREAM REHABILITATION

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OUR MISSION IS TO
PROMOTE THE
PROTECTION AND
REHABILITATION OF
ONTARIO'S STREAMS,
RIVERS, AND WETLANDS
THROUGH EDUCATION
AND COMMUNITY ACTION





TARGETED SPECIES FOR HABITAT ENHANCEMENT



Redside Dace

*Clinostomus
elongatus*



Atlantic Salmon

Salmo salar



Brook Trout

Salvelinus fontinalis

Identifying Priority Sites



Consider characteristics
of watershed



Consider characteristics
of the river/reach



Consider problems to be
solved



Litter

Lacking
streamside
vegetation

Steep slope

Excess
sediments



Aquatic Habitat Restoration

- Wetland creation and restoration
- **In-stream habitat enhancement**
- **Removing detrimental blockages**
- **Improving fish passage**
- Managing invasive species
- Planting native trees and shrubs
- Cleaning up litter
- Livestock exclusion
- Research and monitoring



Brush Bundling



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Brush Bundling



Sweeps



Sweeps



Removing Blockages



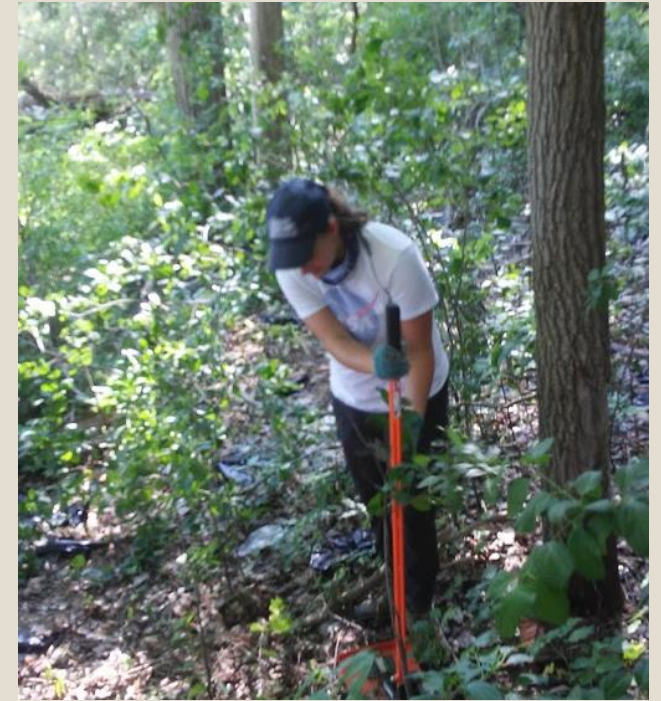
Sediment Control



Enhancing Fish Passage



Invasive Species Management



- Common buckthorn

Tree and Shrub Planting



Removing Litter



Livestock Exclusion



Research and Monitoring



TIPS!

- Partnerships
- Learning opportunities
- Resources



Municipal Partnerships



Partner Field Days



Learning Opportunities



Project Planning – Look Before You Leap

1. Focus
2. Research and Reconnaissance
3. Evaluation and Impact Assessment
4. Goal, Objective, and Targets
5. Plan, Prepare, Consult
6. Implement
7. Monitor and Report

From Ontario's Stream Rehabilitation Manual – Available on Ontario Streams' website

Thank you!



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