THE LANDS COUNCIL PRESENTS...



Boots to the Ground

Non-point source reduction through riparian restoration

WHO IS THE LANDS COUNCIL?





Environmental Non-Profit Spokane, WA

We preserve and revitalize Inland Northwest forests, water, and wildlife through advocacy, education, effective action, and community engagement.

We collaborate with a broad range of interested parties to seek smart and mutually respectful solutions to environment and health issues.

RIPARIAN HABITAT ENHANCEMENT

2007 - 2013

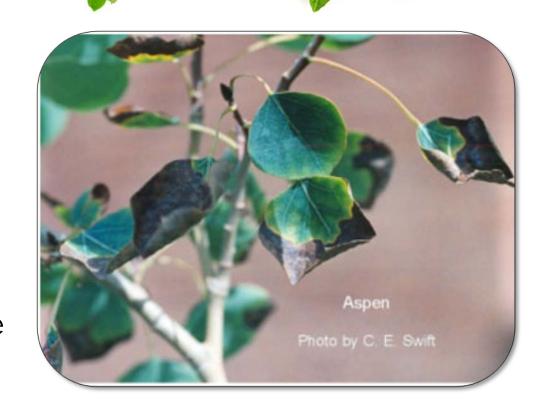
- Started with 2 plantings per year: Campion Park and Peoples' Park
- Today, over 10 restoration sites in Spokane River Watershed
- Remaining constant: VOLUNTEERS!



RIPARIAN HABITAT ENHANCEMENT

Lessons from early-on:

- Initial survival rates low and seasonallydependent
- Water over summer = extremely important
- Spring v. fall: both have pros and cons



SOURCE MATERIALS



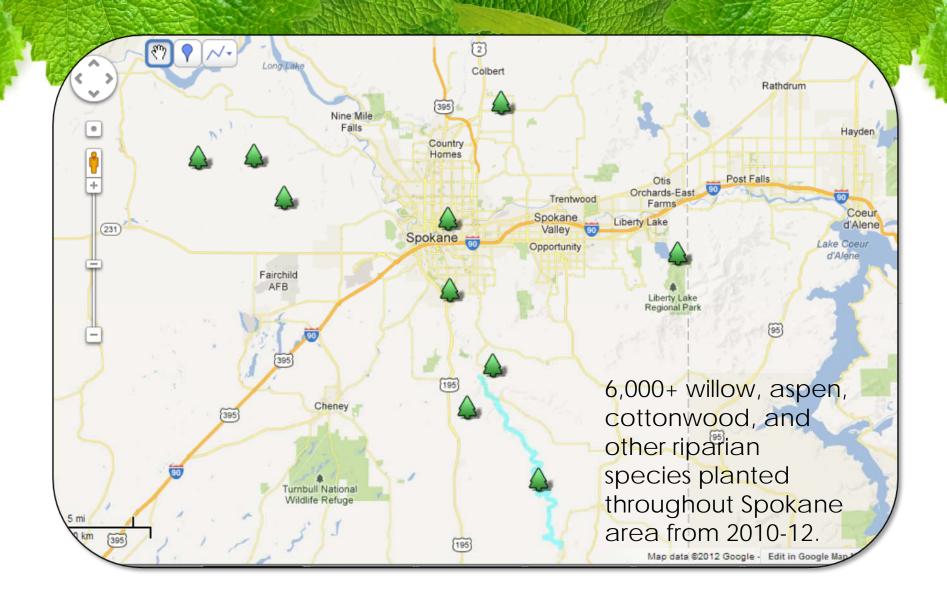




Locally-harvested native willow

BACKYARD NURSERY





WRIA 54 SITES



WRIA 56 SITES

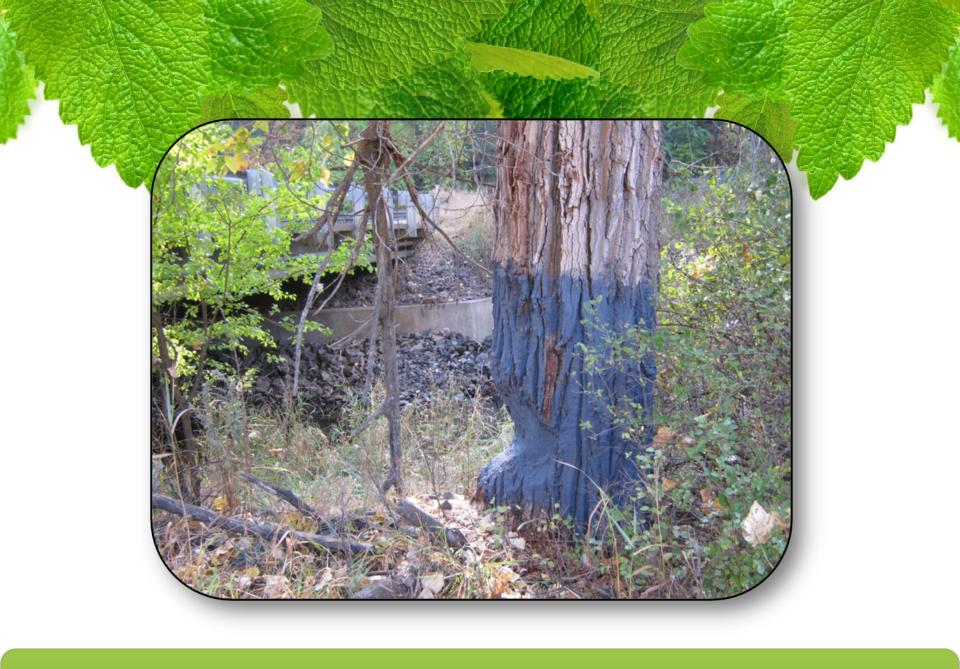


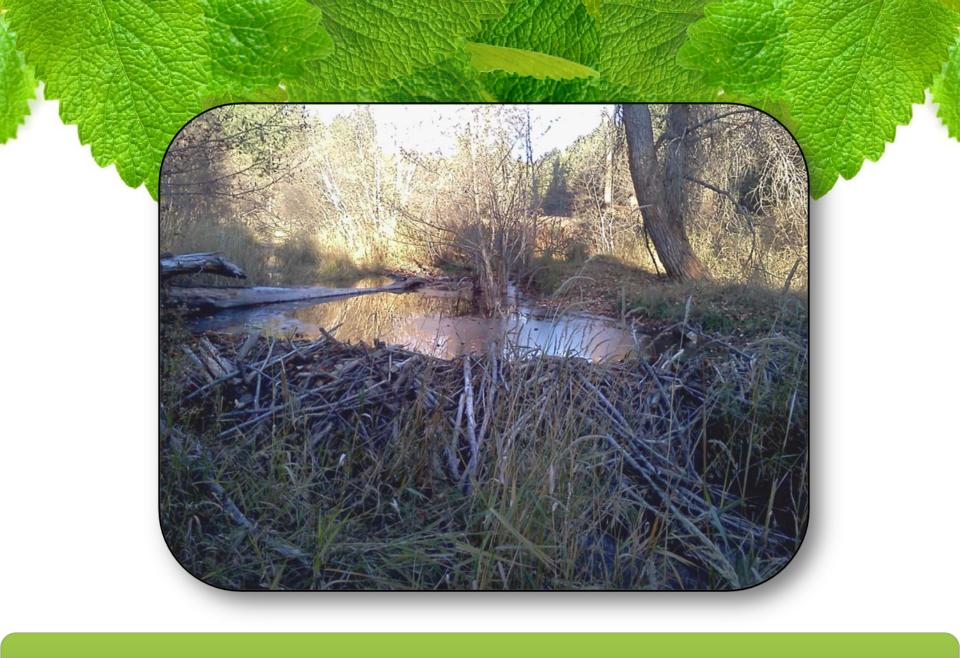


BEAVER MANAGEMENT



Goal: keep existing beaver populations where they are Strategies: mitigate damage caused to roads and private land Case study: S Boyles et al. An analysis of the efficacy and comparative costs of using flow devices to resolve conflicts in beavers along roadways in the Coastal Plain of Virginia, 2008. Transportation dept. saved \$8.37 for every \$1.00 spent to install, monitor, and maintain flow devices





CONCLUSIONS

- Thorough, targeted outreach to find landowners
- Managing beaver/ landowner conflict keeps wetlands in place
- Re-vegetating denuded riparian buffers requires year-round maintenance initially



Questions?
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