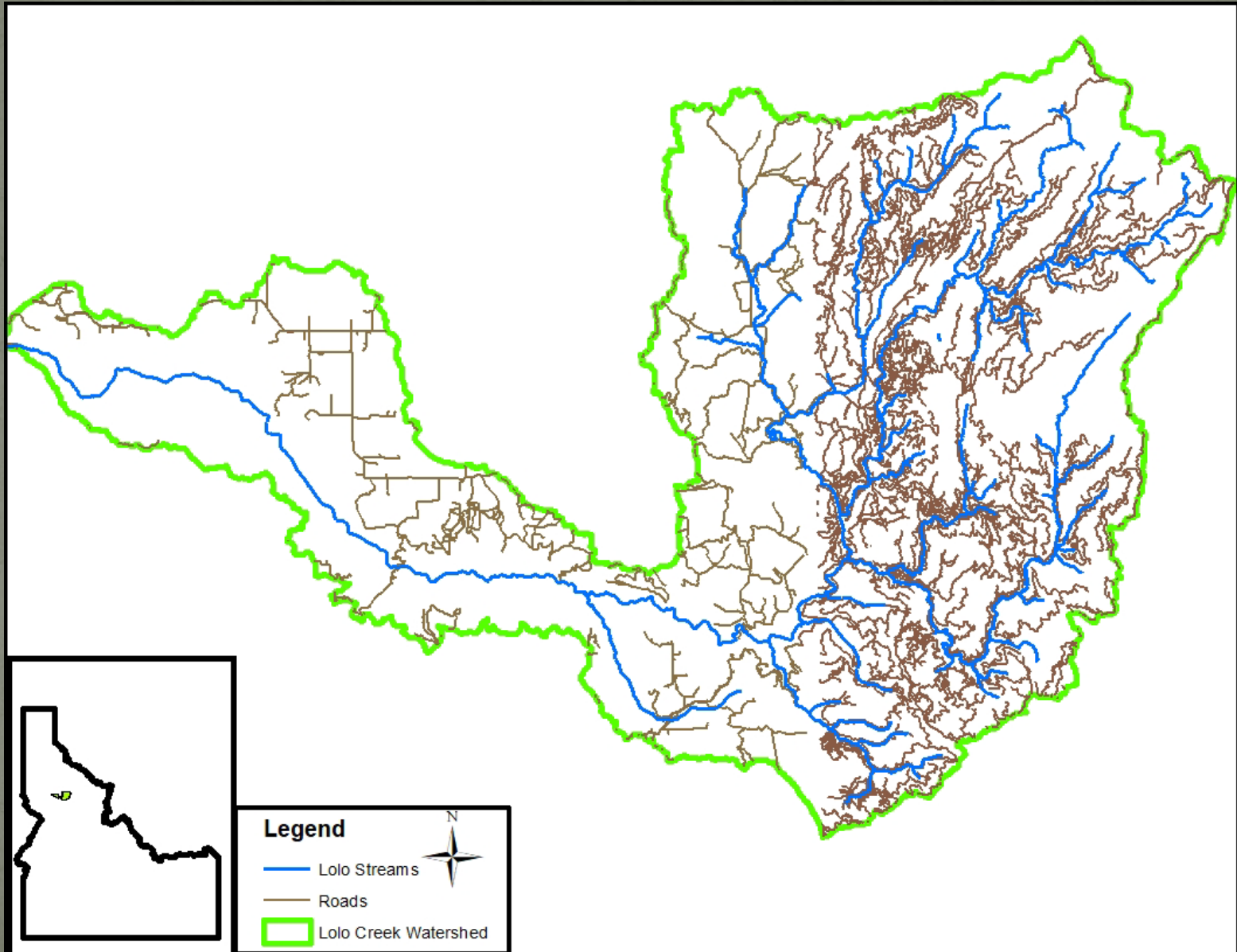


An aerial photograph of a river with a large log jam in the center. The jam consists of numerous logs piled together. To the right, a logging truck is parked on the bank, with a person standing nearby. The surrounding area is lush with green trees and vegetation. The text is overlaid on the top half of the image.

*Low Tech Log Jams?
Somebody Better Knock On Wood!*

Presented
By
Justin Peterson
Project Manager: Nez Perce Tribe
Justinp@nezperce.org

It's All About Scale



However, your budget is around \$10K per year



Streamlined NEPA? Condition Based Management



Knock-on Wood Habitat Improvement Project



Decision Memo

Knock-on-Wood Habitat Improvement Project
U.S. Forest Service
Lochsa-Powell Ranger District, Nez Perce – Clearwater National Forests
Clearwater and Idaho Counties, Idaho

This decision incorporates all information in this document and included in the project file.

- ESA for Steelhead Habitat
- EFH for Chinook salmon
- Streams not meeting PACFISH or Forest Plan Conditions Riparian Management Objectives (RMOs) or Forest Plan desired conditions, or where habitat complexity has been determined to be a limiting factor for aquatic species due to past management activities.

Friends From Foes?



Friends From Foes?



Friends From Foes?



Installation Video



How did it end up there?



Unanchored Wood, Better Have Good Insurance!



**KNOCK
KNOCK**



**MAYHEM
IS
EVERYWHERE**



If You Build It, They Will Come!



Cost/Benefit of Low Tech Wood

PROS

- Scalable, lots of wood being added at multiple sites across the watershed
- Low cost, roughly \$1000 per site
- Opportunity for wood to move naturally in the system and accumulate into larger structures
- Reduced NEPA/Consultation via Condition Based Management and programmatic BIOP for consultation
- Flexibility, avoid unforeseen circumstances

CONS

- Difficult to construct large structures
- Few root wads due to source of material and method of transportation
- Smaller structures/less benefits
- Uncertainty/Risk

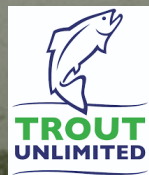
We Keep on Knocking!



Questions???

Special Thanks & Contributors

- Ed Main
- Ashley Hurst
- Kevin Jackson
- Brandon Knapton
- Susan Graves
- Liz Eastman
- Jeremy Littlefield
- Howard Teasley
- Dwain Thornton
- Aaron Penvose
- Dalton Lebeda
- Gage McKeag
- Jen Ford
- David Cain
- Pat Baird



Justinp@nezperce.org

Video Available at:

<https://youtu.be/XfaNEDfZ2fY?si=ST6hljLZa7b7OKqa>