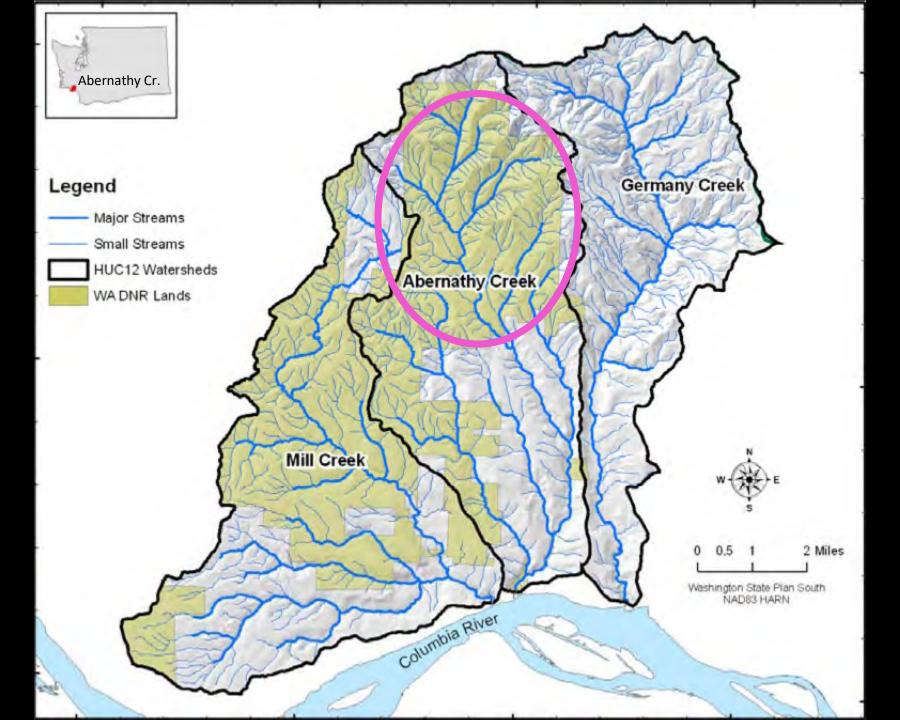


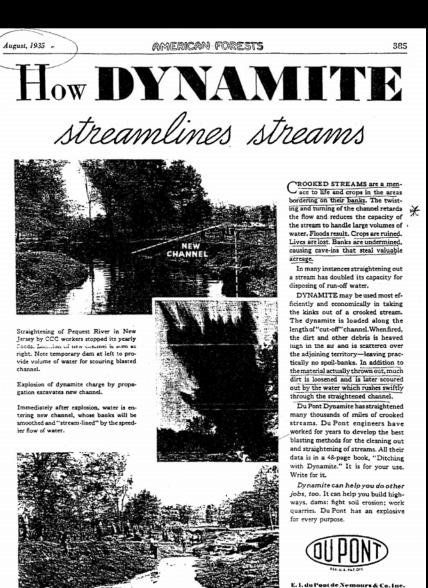
### Decade at Abernathy: Lessons Learned

Eli Asher, Cowlitz Indian Tribe
Bill Norris, P.E., Ecosystem Restoration Services

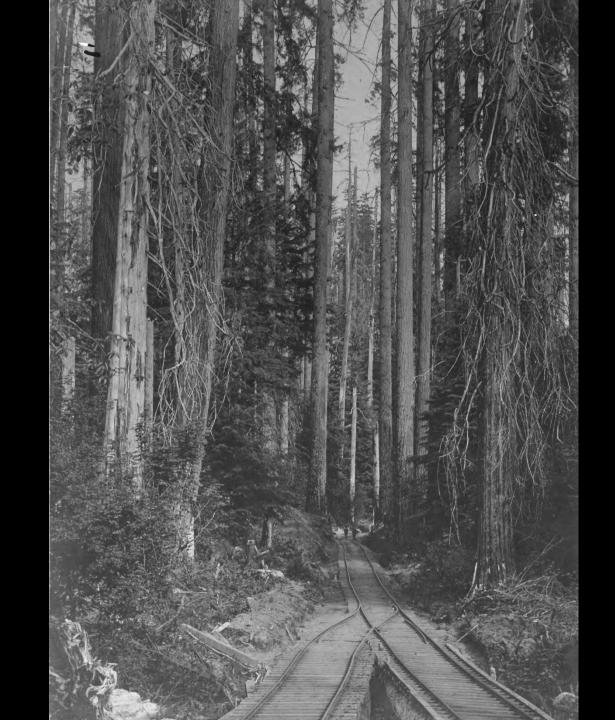




#### "Crooked streams are a menace to life..."

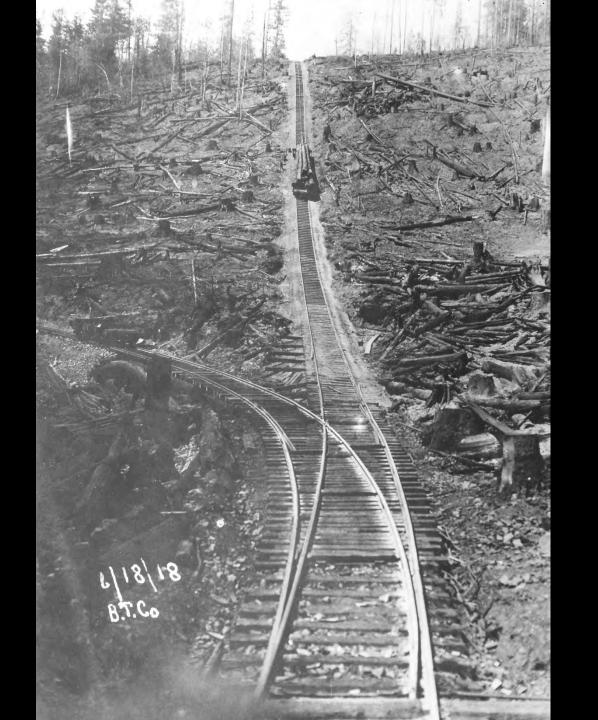


Explosives Department





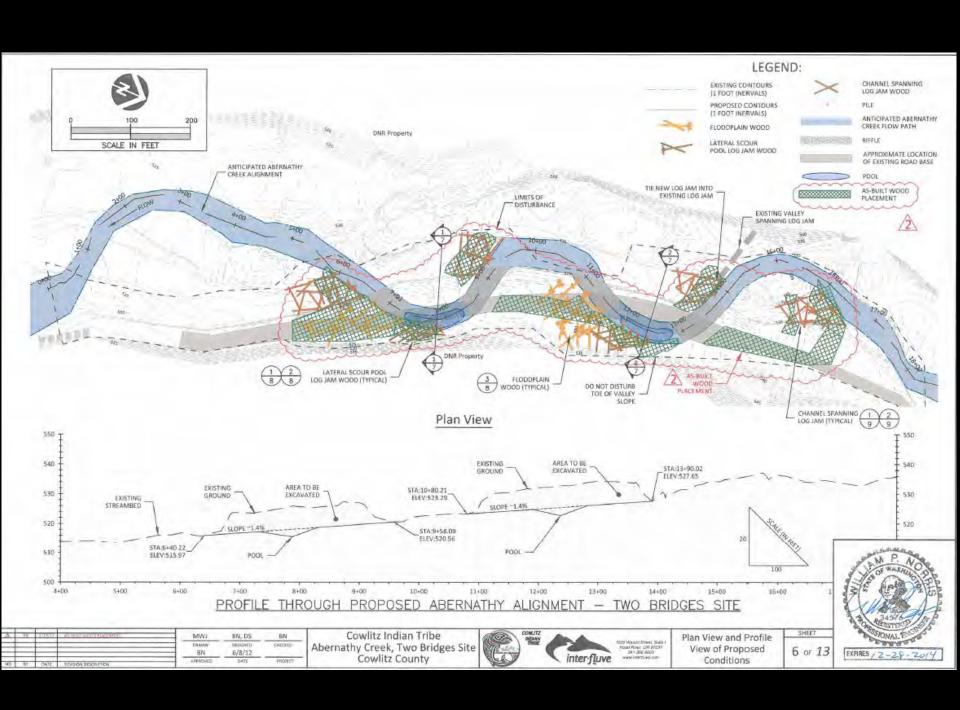




















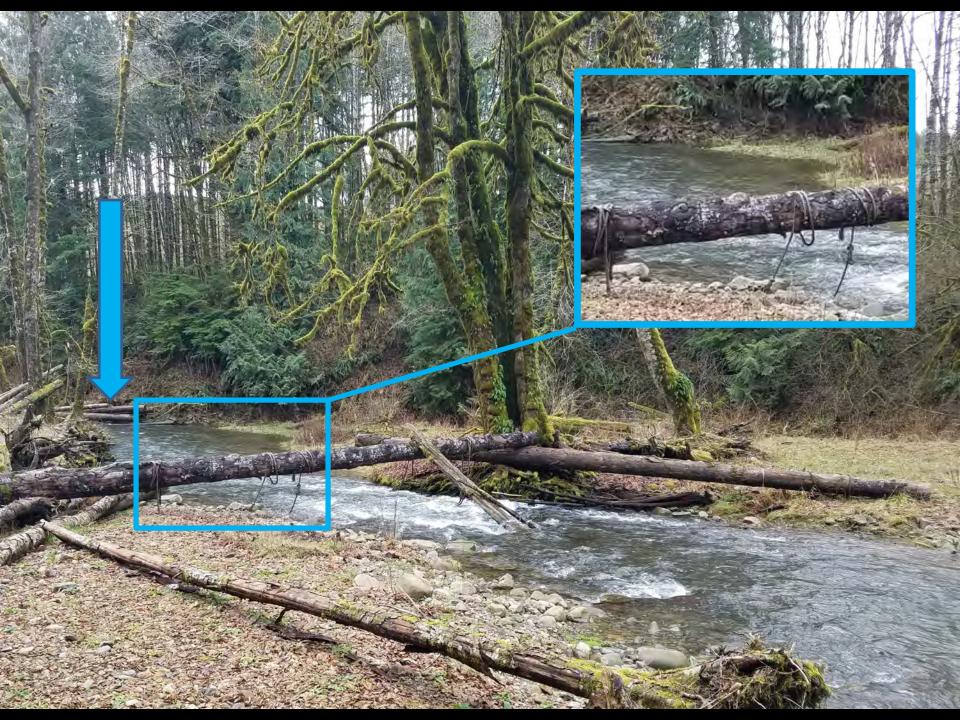
















































## Restoration Metrics

- Pools created
- Structures built
- Logs placed
- SF of off-channel
- LF of stream

- LF levee removal
- Fish passage %
- Wetland acres
- Width of riparian
- LF of side channel

# Are we measuring success, or just measuring?







# Materials are Key

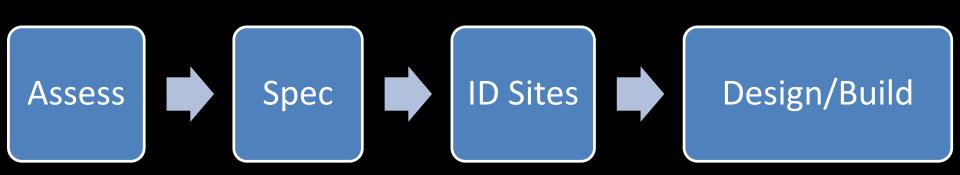
# Proximity is Critical

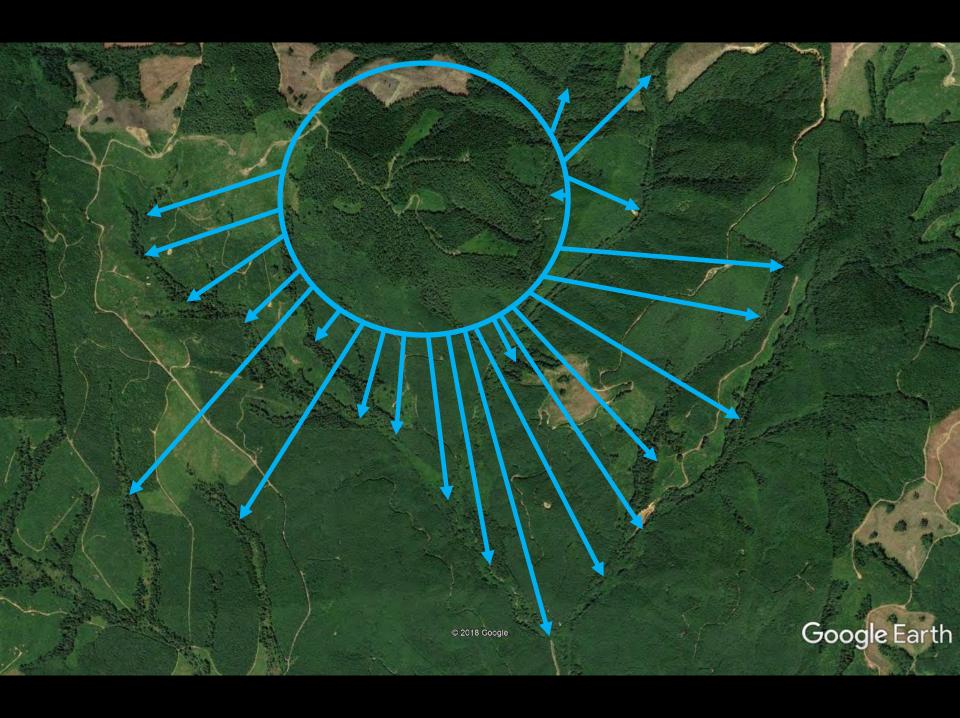






## Efficient, whole watershed approach















## Many Hands Make Light Work



























If your life's work can be accomplished in your lifetime, you're not thinking big enough.