Status Report: Teanaway Community Forest Aquatic Restoration

Scott Nicolai 10 May 2018
Proposed Sites

- Jungle, Rye, Lick, Carlson, Indian, Middle, Dickey, & First Creeks
- 8.9 miles of channel and 150 acres of floodplain to be roughened with woody material

Expected Priority Tributary Completion:
February 28, 2019
Objective

- Activate the floodplain!

- Capture bedload/bring the channel bottom up
Why?

- Reduce peak flows and extend the hydrograph to
- Provide cool water refugia for treaty fish when water temperatures are typically at lethal levels
- Kick start biological processes including riparian corridor development
- Partition flow and develop in stream habitat complexity
- Produce off channel foraging and rearing habitat
How?

- Add lots and lots of locally sourced wood
Recent Progress, 2017/2018

1,987 logs and logs with root wads placed in stream

3,550 logs placed on floodplain surfaces
Progress - Indian Creek

- 50% complete
  - 0.9 miles of instream wood
  - 19 acres of floodplain enhancement
Progress - Middle Creek

- Middle Creek - 100% complete
  - 1.1 miles of instream wood placed
  - 27 acres of floodplain enhancement
Progress - Jungle Creek

- **Jungle Creek**- 90% complete
  - 1.25 miles of instream wood,
  - 16 acres of floodplain enhancement
Major Time Constraints

Photo Credit: Tracy Rooney
Major Time Constraints

Jolly Mountain Fire – 1 month work lost

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Major Time Constraints

Jolly Mountain Fire – 1 month work lost

Inadvertent Cultural Resources Discovery- 4 months work lost

Photo Credit: Tracy Rooney
Next steps

- Finish Jungle, Indian, and First Creeks – Summer 2018
- Helicopter Material Placement in Lick Creek – October 2018
- Tackle Rye, Dickey and Carlson Creeks - Summer/Fall/Winter 2018-2019
- Monitor
Questions?