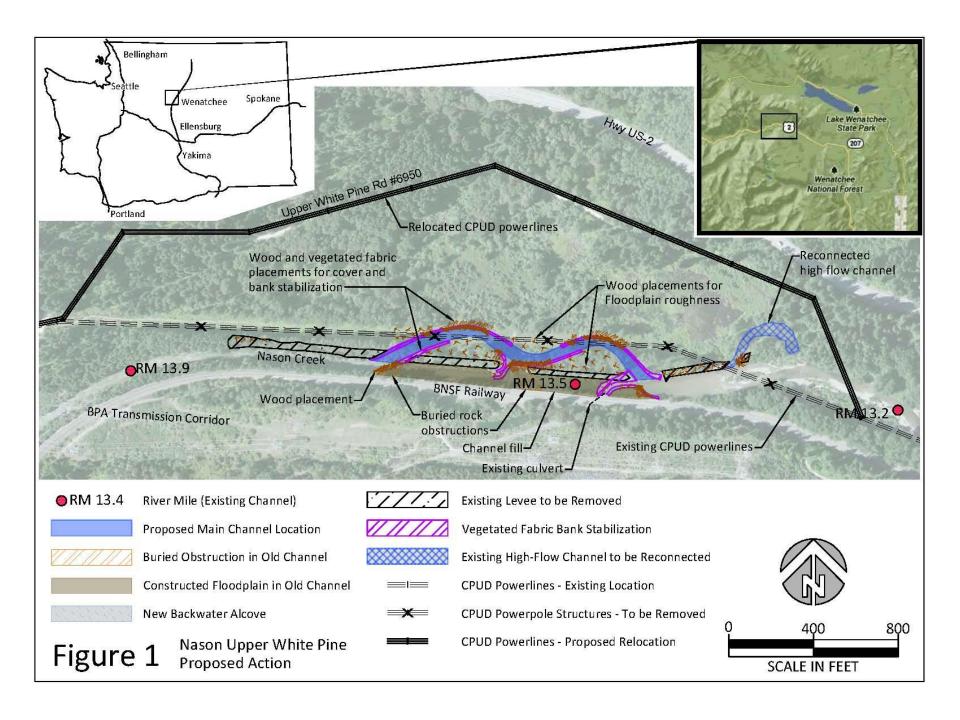


Jennifer Hadersberger and Pete Cruickshank, CCNRD

Landowners = USFS, CPUD, BNSF

Funders = BOR, RCO, DOE, Tributary Committee

Engineering Design = Interfluve



## Phase 1: 2016 Tree Clearing







Powerline construction and re-location completed

Photos provided by CPUD



## 2017 Project Overview



~2 mile powerline re-location 1300' channel re-location plus lower levee breach July 23, 2017 Google earth image



<u>Downstream levee breach</u> July 18, 2017 cleared

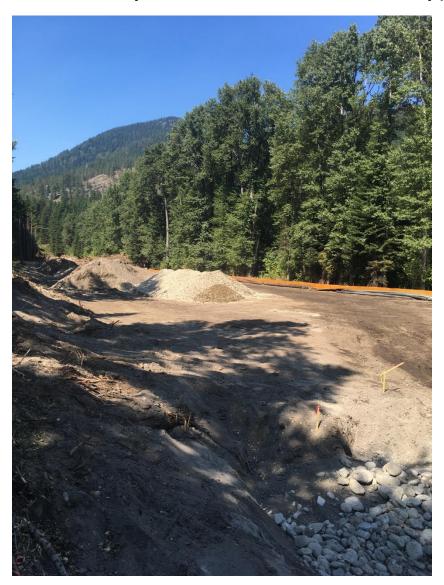
August 8, 2017 2017 In-water work complete

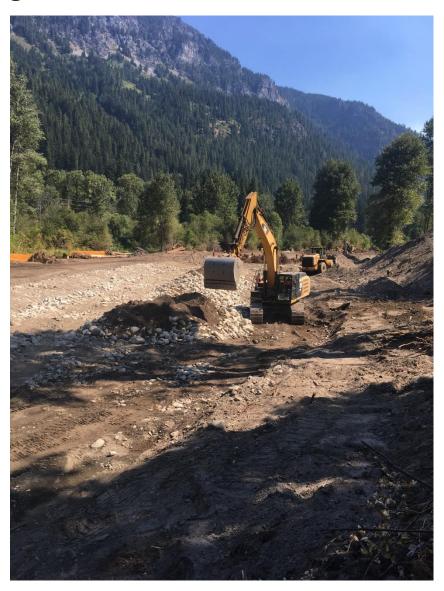


De-watering photos



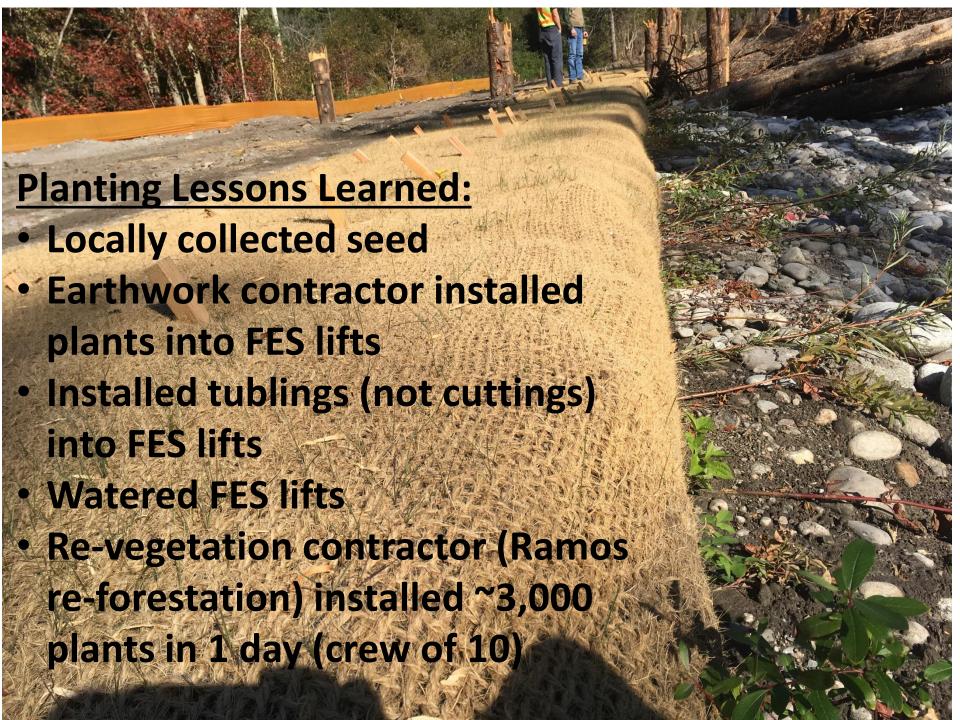
Sorting material for placement in the new stream bed (imported ~5,500 cy and re-used ~5,000 cy) August 22, 2017 Photos





## August 22, 2017 Building 2450' of FES Lifts









## Next Steps:

- Secure BNSF Agreement for 2018 work in ROW
- 2018 work
  - Cofferdam mainstem
  - De-fish existing channel
  - Divert flows to new channel
  - Construct 980' FES lifts
  - Remove levee (5,00 cy)
  - Backfill channel (35,000 cy)
  - Install 10,000 plants
- Construction Budget

447K + 591K + 1,777,780 =

2.8 million

