

Salmon River Work Summary Summer '08

The restoration project is located in the Salmon River estuary near Lincoln City, OR. Using rototillers to turn up blackberry root crowns and combinations of mulching and mowing for reed canary grass are the main points from your point of view. If you have any questions feel free to contact me. asummers@fs.fed.us

- Mature (flowering) scotch broom pulled Pixieland and Tamrara Quays
- Ivy pulled on dike surrounding Pixieland and dispersed throughout planted areas
- *Contract with ODOT to grind ~300 yd³ of mulch for use as invasive plant suppression*
- Willamette road crew mulch dispersal to locations around the site
- Volunteer day May 14th? Planting and spreading mulch
- Reed canary grass control investigation
 - 8- 10 ft x 10 ft plots grouped into 4 10 ft x 20 ft areas
 - Each area received a treatment of mulch at specific depth and one area received cardboard and mulch.
 - One 10 ft x 10 ft plot in each group was mowed twice, two weeks apart prior to mulching
 - Investigated the effect of mulching at different depths, mowing/mulching combinations, and effect of using cardboard and mulch for RCG control
 - Results:
 - waxed cardboard effective with 3 in of mulch
 - don't mow prior to mulching
 - need at least 9 in with just mulch.
- 2 ½ weeks with salmon fisher crew
 - Planting release work at Pixieland, Tamara Quays, and other areas as Jason Wilcox directed
 - 25,000 ft² blackberry hedge cleared and tilled and root crowns removed
- *Received 400 young ninebark seedlings*
- 1 week with Mapleton Fish crew
 - constructed rush/sedge nursery site at Pixieland in artificial water effect
 - watered plantings
 - transplanted alder, hemlock, spruce from FS roads to Pixieland
 - transplanted rush/sedge from Gnos ditch
 - planted ninebark seedlings
- Natural Resources students (Career Tech) 1-3 days per week, 4 weeks total
 - clipped and bagged teasel and sow thistle seed heads at Pixieland
 - pulled nascent scotch broom
 - watered plantings
 - planted ninebark seedlings
- set out landscape plastic and mulch around vulnerable ninebark seedlings
- continued release work on new plantings to combat blackberry encroachment
- watered plantings as weather dictated
- GIS shape files created to log new plantings, significant plant invasions, and other points or areas of interest. Available at K: ebr/salmon_river_estuary/Tonys GPS data
- Partnership with Salmon Drift Watershed Council
 - gave presentations at watershed meetings
 - strengthened connections between FS and the council