

Lake Washington/Cedar/Sammamish Watershed (WRIA 8) Salmon Tour

Clearwater School / Commons Restoration Project (North Creek)

- Completed by Snohomish County Public Works in 2012, partnering with the Clearwater School and Clearwater Commons LLC. The project was a high priority for the North Creek basin.
- Snohomish County constructed numerous habitat elements including two side channels, totaling 350 feet; 141 pieces of woody debris in 27 habitat structures, to create better winter and summer rearing habitat; seven roughened riffles for grade control
- The project also removed or lessened habitat impacts from eroding streambanks (see back panel) and rip-rap armoring by removing one footbridge and rip-rap support, and adding woody debris to remaining rip-rap.
- A 4-acre Conservation Easement was donated by the landowners.
- Vegetation Site Prep: 3 growing seasons: blackberry 1 acre mowed & grubbed; knotweed 1.0 acre – 1st year stem injection with glyphosate, 2nd – 4th foliar applications; reed canary grass 0.5 acre mowed, plastic sheet mulch for two years.
- Planting: 1050 trees (65% conifers), 6100 shrubs, live stakes, herbaceous plants, 40 lbs of native grass seed.
- Establishment: mulching 40 cubic yards wood mulch, protection and follow up invasive controls. 1st growing season survival rate: 97% (Aug 1, 2012). 270 trees/acre & 1200 shrub/acre.
- Total project cost was \$565,556, including \$367,711 in Salmon Recovery Funding Board grant funds, \$36,004 Puget Sound Acquisition and Restoration grant funds, and \$161,841 in local matching funds. Anticipated completed project cost is ~ \$500,000.
- Project questions/contacts: 425 388-3464; Sara Stanley, Project manager; Frank Leonetti, Habitat monitoring; Scott Moore, Vegetation management and monitoring



Unstable fill at eroding left bank in 2008 (left) and 2012 (right), after fill is removed and wood placement (40 pieces). Note removal of blackberry vines and buffer planting with native grasses, willow live stakes and other native trees.

