

Cloquallum Management Unit

Cloquallum Management Unit – Cloquallum Creek

Major Tributaries:

Mox-Chehalis Creek
Newman Creek
Vance Creek
Falls Creek
Bush Creek
Delezene Creek
Workman Creek
Wildcat Creek

Anadromous Fish Stocks:

Fall Chinook
coho
chum
cutthroat
winter steelhead

Tier 1 Concerns

Fish Passage, Riparian Water Quantity

- Control invasive species
- Correct barrier culverts
- Determine if water withdrawals are being followed in accordance with current water rights
- Implement activities that lead to natural recharge of aquifers (LFA)
- Increase hydrologic continuity – reduce impervious surfaces
- Install riparian fencing to exclude or reduce livestock access
- Interplant conifers in deciduous dominant areas where appropriate
- Protect key properties of riparian habitat by a fee simple or easement
- Reduce stormwater discharge directly to streams (rapid runoff)
- Restore riparian corridor in the Cloquallum subbasin (identify specific degraded areas for restoration)
- Restore wetlands for water storage
- Revegetate open riparian areas with native plants

Tier 2 Concerns

Floodplain, Sediment

- Abandon roads on steep geologically sensitive areas
- Assess floodplain conditions and identify impacts
- Identify sources that are contributing to sediment loading
- Implement alternative methods of bank stabilization through bioengineering
- Minimize motor vehicle access to streams
- Protect key properties to facilitate natural channel migration and reconnection to the floodplain by fee simple or easements
- Reconnect, enhance, and/or restore potential off-channel, floodplain, and wetland habitat
- Remove hard armoring or implement bioengineering techniques in place of riprap
- Revegetate stream and riverbanks for added protection from erosion
- Upgrade all logging roads to comply with Forest Practices Act Rules and Regulations

Tier 3 Concerns

Large Woody Debris, Water Quality

- Determine LWD levels in Cloquallum subbasin
- Determine water quality conditions
- Develop LWD supplementation plan that will increase LWD by installing logjams and single key piece placement using large conifer when possible
- Educate landowners on the importance of leaving LWD (not taking for firewood)
- TMDL Implementation – Temperature, pH, fecal coliform

