

Newaukum Management Unit

Newaukum Management Unit – Dillenbaugh Creek

Major Tributaries:

Berwick Creek

Anadromous Fish Stocks:

Coho

cutthroat

Tier 1 Concerns

Sediment, Fish Passage, Riparian

- Control invasive species
- Correct barrier culverts
- Identify sources that are contributing to sediment loading
- Identify specific degraded riparian areas for restoration needs
- Implement bank stabilization (bioengineering) in locations other excessive erosion
- 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
- Revegetate open riparian areas with native plants
- Revegetate streams/riverbanks for added protection from erosion

Tier 2 Concerns

Water Quality, Large Woody Debris

- Determine LWD quantities
- Develop LWD supplementation plan that will install logjams and key pieces to improve instream channel structure and habitat diversity
- Identify specific degraded riparian areas for restoration needs
- Implement TMDL recommendations
- Install LWD pieces in conjunction with other restoration projects
- Install riparian fencing to exclude or reduce livestock access
- Interplant conifers in deciduous dominant areas where appropriate
- Protect by fee simple or easement key properties of riparian habitat
- Revegetate open riparian areas with native plants
- Work with landowners to correct failing septic systems

Tier 3 Concerns

Floodplain, Water Quantity

- Assess floodplain conditions and identify impacts
- Determine if water withdrawals are being followed in accordance with current water rights
- Reconnect, enhance, and/or restore potential off channel, floodplain, and wetland habitat
- Remove hard armoring or implement bioengineering techniques in place of hard armoring
- Restore wetlands for water storage

