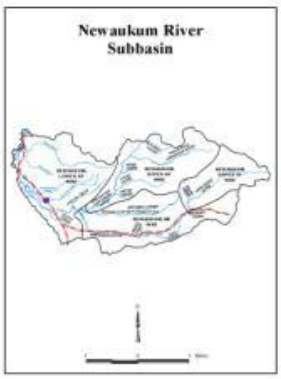
Newaukum Management Unit

Newaukum Management Unit – Newaukum River (S. Fork & Tributaries)



Tier 1 Concerns

Riparian, Fish Passage, Sediment

- ☐ Abandon roads on steep geologically sensitive areas
- ☐ Control invasive species
- ☐ Correct barrier culverts
- ☐ Correct cross drains that may trigger mass wasting on geologically sensitive slopes
- ☐ Identify sources that are contributing to sediment loading
- ☐ Identify specific degraded riparian areas for restoration needs
- ☐ Implement alternative methods of bank stabilization (bioengineering) in locations of 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
- ☐ Reduce sediment loading by reducing road densities (abandon/decommission)
- ☐ Revegetate open riparian areas with native plants (use Wampler et al 1993 to identify potential restoration sites)
- ☐ Revegetate stream/river banks for added protection from erosion
- ☐ Upgrade logging roads to comply with Forest Practices Act Rules and Regulations

Tier 2 Concerns

Water Quality, Water Quantity

- ☐ Determine if water withdrawals are being followed in accordance with current water rights
- ☐ Implement activities that lead to natural reach charge of aquifers
- ☐ Reduce water withdrawals from surface sources
- ☐ Restore wetlands for water storage

Tier 3 Concerns

Large Woody Debris, Floodplain

- ☐ Assess floodplain conditions; identify impacts
- ☐ 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
- ☐ 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
- ☐ Reconnect, enhance, and/or restore potential off channel, floodplain, and wetland habitat
- ☐ Remove hard armoring (riprap) or implement bioengineering techniques in place of hard armoring
- ☐ Revegetate open areas with native plants