

# Newaukum Management Unit

## Newaukum Management Unit – China Creek

### Major Tributaries:

### Anadromous Fish Stocks:

Coho  
cutthroat

### Tier 1 Concerns

#### Water Quality, Water Quantity, Riparian

- Control invasive species
- Determine if water withdrawals are being followed in accordance with current water rights
- Identify specific degraded riparian areas for restoration needs
- Implement activities that lead to natural recharge of aquifers
- Implement TMDL recommendations
- Install riparian fencing to exclude or reduce livestock access
- Interplant conifers in deciduous dominant areas where appropriate
- Protect and preserve wetlands and springs
- Revegetate open riparian areas with native plants

### Tier 2 Concerns

#### Sediment, Fish Passage

- Correct cross drains that may trigger mass wasting on geologically sensitive slopes
- Identify sources that are contributing to sediment loading
- Implement bank stabilization (bioengineering) in locations of excessive erosion
- Install riparian fencing to exclude or reduce livestock access
- Prioritize fish barrier corrections identified by the Lewis County Roads Department and Lewis Conservation District
- Reduce sediment loading by reducing road densities (abandoned/decommission)
- Upgrade logging roads to comply with Forest Practices Act Rules and Regulations
- Revegetate stream or river banks for added protection from erosion

### Tier 3 Concerns

#### Floodplain, LWD

- 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 restore potential off channel, floodplain, and wetland habitat
- Remove hard armoring (riprap) or implement bioengineering techniques in place of hard armoring
- Revegetate open riparian areas with native plants

