

Boistfort Management Unit

Boistfort Management Unit – Upper Chehalis River

Major Tributaries:

Elk Creek
Rock Creek
Crim Creek
Big Creek
Thrash Creek
Cinnebar Creek
West Fork Chehalis River

Anadromous Fish Stocks:

fall Chinook
spring Chinook
coho
cutthroat trout
winter steelhead

Tier 1 Concerns

Fish Passage, Sediment, Riparian

- 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 those roads that are contributing to sediment loading
- Implement bank stabilization (bioengineering) in locations of excessive erosion
- Improve fish passage at fishways and add fishways to structures that do not have them
- Install riparian fencing to exclude or reduce livestock access
- Interplant conifers in deciduous dominant areas where appropriate
- Reduce road densities by abandoning/decommissioning roads to reduce sediment loading
- Revegetate open areas with native plants
- Upgrade all logging roads to comply with Forest Practices Act Rules and Regulations

Tier 2 Concerns

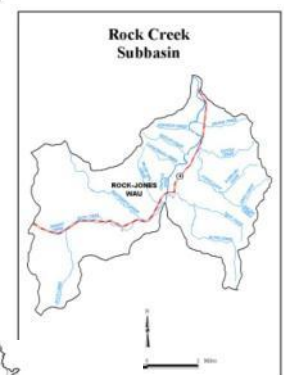
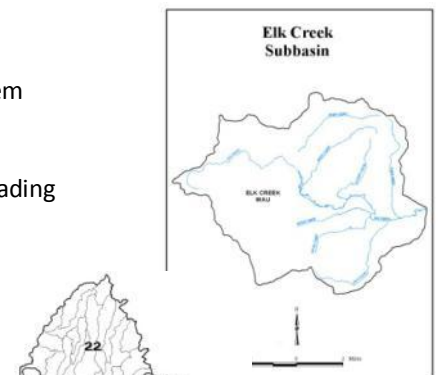
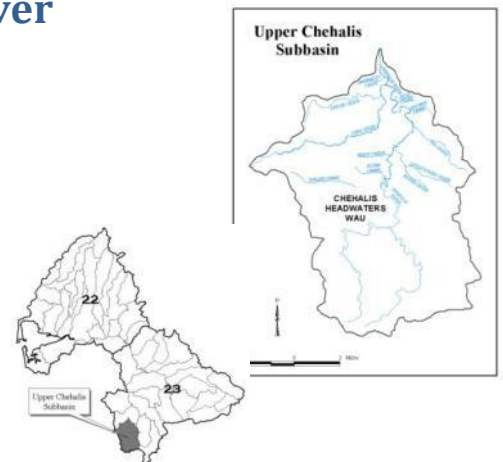
Large Woody Debris, Water Quality

- Abandon roads on steep geologically sensitive areas
- Correct cross drains that may trigger mass wasting on geologically sensitive slopes
- Determine if water withdrawals are being followed in accordance with water rights
- Determine ways to keep LWD in system
- Develop LWD supplementation plan that will install logjams and key pieces to improve instream channel structure and habitat diversity
- Educate landowners on the importance of leaving LWD in the stream
- 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 key properties of riparian habitat by a fee simple or easement
- Reconnect, enhance, and/or restore potential off channel, floodplain, and wetland habitat
- Reduce sediment loading by reducing the road densities (abandoned/decommission)
- Remove / control invasive species
- Revegetate open riparian areas with native plants
- Revegetate streams and riverbanks for added protection from erosion
- Upgrade logging roads to comply with Forest Practices Act Rules and Regulations

Tier 3 Concerns

Water Quantity, Floodplain

- Comply with Forest Practices Act Rules and Regulations
- Determine if water withdrawals are being followed in accordance with current water rights
- Further assessments or off-channel work should be selected based on site-specific conditions on Crim, Thrash,



Cinnabar Creeks, East Fork Chehalis River, Elk and Rock Creeks

- Identify specific degraded riparian areas for restoration needs
- Implement activities that lead to natural recharge of aquifers
- Implement approved nutrient enhancement efforts
- Install riparian fencing to exclude or reduce livestock access
- Interplant conifers in deciduous dominant areas where appropriate
- Protect key properties (fee simple or easement) of riparian habitat
- Reconnect and enhance (add LWD to streams) and/or restore potential off channel floodplain/ wetland habitat
- Reduce water withdrawals from surface sources
- Remove hard armoring or implement bioengineering techniques in place of hard armoring
- Remove / control invasive species
- Remove logjams on site-specific basis
- Revegetate open riparian areas with native plants