

Chehalis Mainstem Management Unit

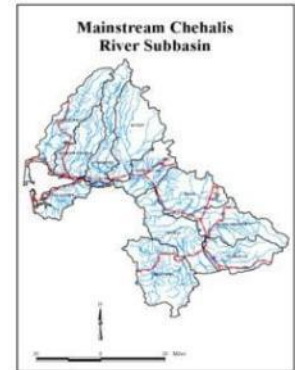
Chehalis Mainstem Management Unit – Mainstem Chehalis River

Major Tributaries:

Wynoochee River
Satsop River
Black River
Scatter Creek
Skookumchuck River
Newaukum River
South Fork Chehalis River
Elk Creek
Lincoln Creek
Bunker Creek

Anadromous Fish Stocks:

Fall Chinook*
spring Chinook
summer Chinook*
coho
fall chum
cutthroat
winter steelhead*
summer steelhead
bull trout*
(*priority stock)



Tier 1 Concerns

Riparian, Water Quality, Floodplain

- Assess floodplain conditions and identify impacts (focus upstream of RM 20)
- Identify specific degraded riparian areas for restoration needs
- Implement alternative methods of bank stabilization (bioengineering)
- 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
- Protect key properties to facilitate natural channel migration and reconnection to the floodplain (EDT) by a fee simple or easement
- Reconnect and restore off-channel habitat identified in USOCE (2002)
- Relocate gravel mining away from shorelines and 100-year floodplain
- Remove / control invasive species
- Revegetate open riparian areas with native plants
- TMDL implementation – temperature, pH, fecal coliform

Tier 2 Concerns

Large Woody Debris, Water Quantity

- Determine if water withdrawals are being followed in accordance with current water rights
- Determine LWD levels in Chehalis Mainstem; develop a LWD supplementation plan if LWD levels are low
- Implement activities that lead to natural recharge of aquifers
- Increase hydrologic continuity – reduce impervious surfaces
- Install logjams and single key piece placement using large conifer if possible
- Reduce stormwater discharge directly to streams (rapid runoff)
- Reduce water withdrawals from surface sources
- Restore wetlands for water storage

Tier 3 Concerns

Sediment

- Implement alternative methods of bank stabilization (bioengineering)
- Implement corrective actions in tributaries to decrease sediment delivery into mainstem
- Reduce road densities by abandoning and/or decommissioning roads to reduce sediment loading
- Revegetate stream/river banks for added protection from erosion
- Upgrade all logging roads to comply with Forest Practices Act Rules and Regulations