

Skookumchuck Management Unit

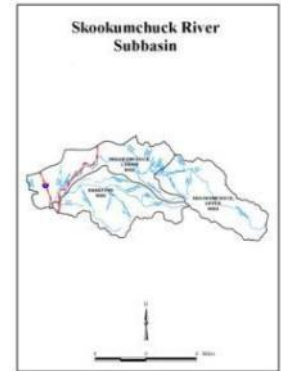
Skookumchuck Management Unit – Skookumchuck River

Major Tributaries

Hanaford Creek	Baumgard Creek
Thompson Creek	Laramie Creek
Johnson Creek	Eleven Creek
Salmon Creek	Twelve Creek
Bloody Run Creek	Three Creek
Fall Creek	Hospital Creek
Pheeny Creek	

Anadromous Fish Stocks:

Coho*
Cutthroat
winter steelhead*
Spring Chinook*
Fall Chinook
(*priority stock)



Tier 1 Concerns

Floodplain, Riparian, Fish Passage

- Assess floodplain for off-channel and wetland habitat
- Continue steelhead supplementation provided by TransAlta; evaluate adding coho and Chinook
- Control invasive species
- Correct barrier culverts
- Determine feasibility of restoring floodplain in Hanaford Creek
- Improve fish passage at fishways and add a fishway to those structures that do not have them
- Install riparian fencing to exclude or reduce livestock access at the 9 sites identified in the LFA
- Interplant conifers in deciduous dominant areas where appropriate in upper Skookumchuck
- Protect key properties of riparian habitat by a fee simple or easement
- Reconnect, enhance, and/or restore potential off-channel, floodplain, and wetland habitat
- Relocate gravel mining/harvesting away from shorelines, 100-year floodplains, and stream channels
- Remove dams where feasible
- Remove hard armoring or implement bioengineering techniques in place of hard armoring
- Determine extent of impact “floodplain” roads have on floodplain functions; 3 mi in the lower Skookumchuck, 0.8 mi Salmon Creek, 2 mi Johnson Creek, 3.4 mi Thompson Creek. In upper Skookumchuck (above dam) “floodplain” roads found along Weyerhaeuser Mainline from RM 27-36.2; Twelve Creek, Laramie Creek, and Range Creek



Tier 2 Concerns

Water Quantity, Water Quality

- Determine if water withdrawals are being followed in accordance with current water rights
- Evaluate dam flows to determine if they need to be adjusted to better accommodate fish
- Reduce water withdrawals from surface sources
- TMDL Implementation – Temperature, pH, fecal coliform

Tier 3 Concerns

Sediment, Large Woody Debris

- Check on 2000 Mainline Road upgrades
- Determine if sedimentation is a problem in Hanaford Creek
- Determine LWD quantities
- Develop agreement with dam managers to collect LWD at dam, and place it downstream rather than remove it from system
- Develop LWD supplementation plan that will install logjams and key pieces
- Identify those roads that are contributing to sediment loading
- Install LWD pieces in conjunction with other restoration projects
- Install riparian fencing to exclude or reduce livestock access
- LWD at dam should be placed downstream rather than removed from system
- Placement/input of gravels below dam
- Reduce road densities by abandoning and/or decommissioning roads to reduce sediment loading
- Upgrade all logging roads to comply with Forest Practices Act Rules and Regulations