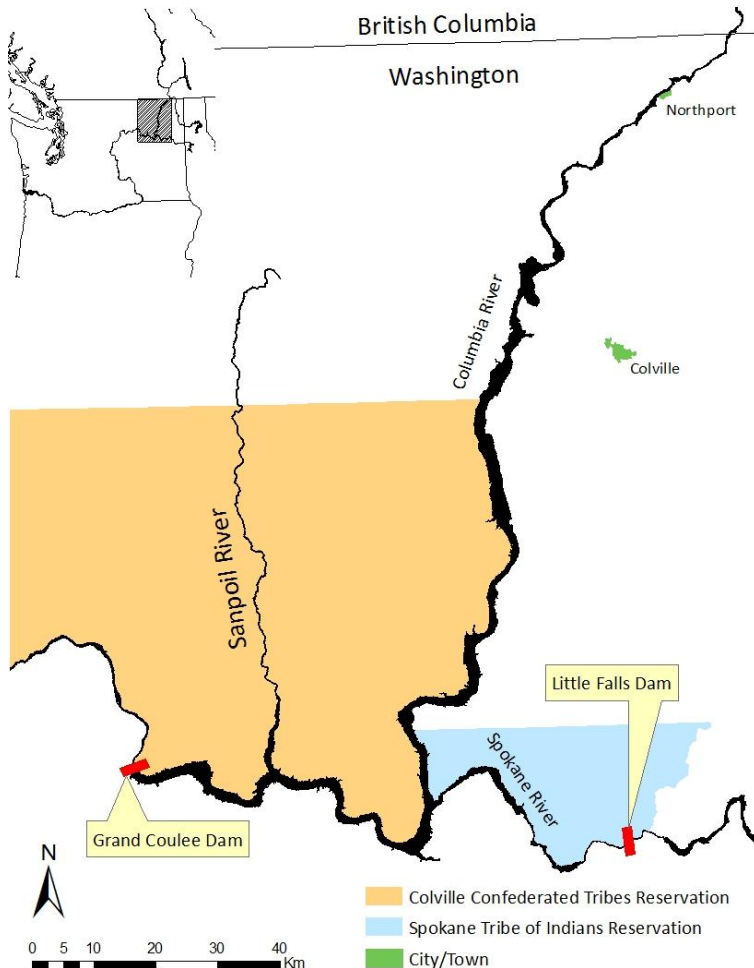


Walleye and Smallmouth Bass in Lake Roosevelt, WA



- Native resident fish persisted after inundation, 1939
 - Kokanee, redband trout, white sturgeon
- Walleye illegally introduced in 1950's,
 - Spawn below Little Falls Dam;
 - Spawning run protected in 1980's, continues
- Smallmouth and largemouth bass
 - Present for numerous years
 - Smallmouth population has drastically expanded since late 1990's
- Fisheries
 - Walleye are second highest targeted fish, after rainbow trout
 - Smallmouth not harvested

Holly McLellan, Colville Confederated Tribes Resident Fish Division



The Problem

- Surveys document increase in walleye and decrease in native fish abundance
- Native fish populations affected
 - Sanpoil: wild kokanee and redband trout populations depressed
 - Columbia River white sturgeon recruitment failure
 - Other native fish populations declined
- Predation one of the major problems
 - Hatchery mitigation fisheries; Spokane River reduced stocking
 - Sanpoil River: WE & SMB consumed (kokanee: 61% fry; 32% juvenile and 43% juvenile RBT)
(Stroud et al. 2010)
- Lab and field studies found walleye to consume larval and juvenile sturgeon (Garner 2006, McLellan and Howell 2010)



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Current Actions and Challenges

- Colville Tribe implemented non-native predator reduction in Sanpoil River in 2011-12
- Co-manager Harvest Management
 - Changed: Sanpoil Arm: April – Jan 30, 8 fish bag limit, no size restrictions
 - Not changed: Roosevelt, open year round, 8 fish bag limit; only one over 22 inches
 - Not changed: Spokane River closed to harvest during walleye spawning (Apr-May)
- Support of local co-managers to reduce non-native predators
- Little support from WA State Fish & Wildlife Commission and/or high-level state management

