

Klickitat Spring Chinook Master Plan, Pathway to Hatchery Reform

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Abstract:

The Klickitat Salmon Hatchery near Glenwood WA. produces spring and fall Chinook salmon and coho salmon and is funded by National Marine Fisheries Service (NMFS) under the Mitchell Act. It is operated jointly by the Yakama Nation and Washington Department of Fish and Wildlife. The hatchery has been in continuous operation since its construction in 1954. Much of the hatchery infrastructure has not been renovated in over six decades. The proposed upgrades include improving springwater intakes, piping, and river pumps; reconstructing adult holding/spawning building; adding circular rearing tanks; and rebuilding the pollution abatement system.

Under the 2008 Fish Accords between Yakama Nation and Bonneville Power Administration (BPA), capital upgrades are designed to improve rearing conditions for spring Chinook in order to increase production from 600,000 spring Chinook yearling-smolts to 800,000 yearling-smolts, and will allow for the transition of the spring Chinook program from using only hatchery-raised fish for broodstock (a “segregated” program) to a program that incorporates natural-origin fish in the broodstock (an “integrated” program). Incorporating natural-origin fish into the broodstock is expected to increase the fitness, productivity, survival, and harvest.

Environmental Impact Statement progress can be tracked at this BPA website:
<https://www.bpa.gov/efw/Analysis/NEPADocuments/Pages/Klickitat-Hatchery-Upgrades-.aspx>