

**KLICKITAT BASIN MASTER PLANNING:
NEXT STEPS TO HATCHERY REFORM**

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ABSTRACT:

As with all Columbia Gorge federal, tribal and state salmon hatcheries, juvenile production levels at the Klickitat Hatchery (KH) are determined through the *U.S. v. Oregon* forum, and specifically the Production Advisory Committee. Under the *U.S. v. OR* umbrella, the Columbia River Fisheries Management Plan provides the framework for *U.S. v. OR* parties to protect, rebuild, and enhance upper Columbia River salmon runs while providing harvest for both treaty and non-treaty fisheries. Implementation of hatchery reform measures detailed in the *Klickitat River Anadromous Fisheries Master Plan* (KMP) is expected to enhance harvest opportunity consistent with *U.S. v OR* goals. Finalization of the KMP under coordination within *U.S. v. OR*, the Columbia Basin Fish Accords and the Northwest Power & Conservation Council’s 3-Step processes is underway. A key component in this coordination is the *Klickitat Hatchery Program Environmental Impact Statement* (EIS) currently being developed by Bonneville Power Administration (BPA). Yakama Nation and Washington Dept. of Fish & Wildlife are co-managers and partners under the Yakima/Klickitat Fisheries Project, and are Cooperating Agencies with BPA on this EIS. The EIS will outline hatchery reform actions, hatchery production modification, ground disturbance activities associated with infrastructure expansion and modifications, as well as associated socio-economic benefits/impacts. The EIS, slated for draft public release in August 2010 with final anticipated by June 2011, will identify the following three alternatives:

No Action	Partial Build Out	Full Build Out
<i>U.S. v. OR</i> production levels are maintained at current facilities. No new facilities constructed or expanded.	<i>U.S. v. OR</i> production levels are maintained. Re-construction and expansion occurs at KH to reform hatchery practices and move to local brood collection for all stocks. All production occurs at KH. Sufficient new water sources will need to be developed.	Modify <i>U.S. v. OR</i> production levels pursuant to KMP recommendations. Re-construct and expand KH. Construct new hatchery at Wahkiacus to benefit natural production within 26 miles of highly complex mainstem habitat. Construct a steelhead acclimation facility in the upper basin.

To effectively monitor current and future subbasin salmonid escapement, two key facilities will soon be constructed. State of the art fish passage/monitoring facilities will be built at Lyle Falls (RM 2.2) and Castile Falls (RM 64.0). These facilities will be used to guide ongoing research and decision making and provide the infrastructure to support the selected EIS alternative. Lyle Falls Fishway reconstruction will bring a non-compliant fishway into compliance with NOAA fish passage criteria and provide a safe and effective means to collect needed biological data on returning adult salmon, steelhead and lamprey. Castile Falls Enumeration Facility construction will allow for effective monitoring of re-colonization in the upper Klickitat Subbasin.

Klickitat Hatchery Program Environmental Impact Statement:

www.efw.bpa.gov/environmental_services/Document_Library/Klickitat_Hatchery_Program