

**Icicle Creek Work Group
Instream Flow Sub Committee
March 13, 2014**

Committee Purpose:

The Instream Flow Sub Committee (IFC) is convened at the request of the Icicle Creek Work Group (IWG) to provide technical guidance on potential environmental flow impacts from projects. The work of the IFC supports Guiding Principle #1: "Streamflow that provides passage, provides healthy habitat, serves channel formation function, meets aesthetic and water quality objectives, and is resilient to climate change." Much of the data the IFC needs exists in reports. Committee members are selected as technical experts and asked to use the data to integrate a respective jurisdictional point of view on IFC recommendations.

Committee Objectives:

- Evaluate existing instream flow data
- Evaluate whether the instream flow rule (WAC 173-545-060(7)) that was established at the Icicle gaging station near Leavenworth, which was based on flow/habitat relationships below the LNFH, are appropriate for the reaches above the LNFH
- Review proposed flow savings for type and magnitude of instream flow benefits
- Use data to make recommendations to the IWG on potential projects

Immediate Tasks:

- Understand LNFH channel operations and purpose
 - USFWS 2009 report
- Interpret Weighted Usable Area (WUA) data from Icicle Creek studies.
 - USWFS 2013 study – historic channel
 - BOR 2005 study – downstream of hatchery channel
 - Montgomery Water Group 2004
- Comprehensive review of fish-life functions and values below RM 5.9.
 - Use work experience and reports
- Evaluate instream habitat functions and values for instream flow setting purposes
- Eventually - evaluate IWG Master List projects as directed by the IWG.

Committee Membership: Primary membership includes instream flow experts, fish biologists, irrigation operations experts, hatchery operations experts, or water right experts.

- WDFW
- YIN
- The Confederated Tribes of the Colville Reservation
- NMFS
- USFWS
- Ecology
- Icicle Irrigation District
- Chelan County