

## HWI UGR Upper Fly Creek Restoration Project

**IMPLEMENTERS:** USFS La Grande Ranger District, Wallowa-Whitman  
Location: Upper Fly Creek, Upper Grande Ronde Atlas Tier 1 Node, UGR 16. Implementation: 2022 - 2023; Contract 79905 Rel 18.

**PROJECT BACKGROUND:** Historic trapping, overgrazing, logging, road building, & an altered fire regime have degraded the small streams' watersheds ecological form & function. The loss of functional meadow & stream habitat adversely effects the survival of salmonids. Channel incision has altered the streams by lowering streambeds & groundwater tables causing a further decrease in riparian vegetation.

**OBJECTIVES:** The objectives were to improve spring/summer chinook, steelhead, and bull trout habitat, through the following.  
1: Activate Side Channel Scrolls 2: Restore Hydrologic Function 3: Improve Fish Habitat

**ESA ESU or DPS:** (Grande Ronde/Imnaha - Catherine Creek Sping/Summer Chinook, Upper Grande Ronde Steelhead)

**IMPLEMENTATION ACTIONS:** (1) 68 channel spanning jams on 2.0 miles of stream were constructed. (2) Road Recontour on 1 mile of road. (3) Planted 15,500 seedlings. (4) Mulch applied and native grass seed planted.

**HABITAT RESPONSE:** Habitat response during low and high flows involved side channel activation, floodplain activation, and increased habitat complexity.

**FISH RESPONSE:** Increased summer base flows and colder water temperatures are expected. Increased fish survival and vigor is expected.



Upper Fly Creek - Pre Implementation



Upper Fly Creek - Post Implementation