

## FY2009 R6 WFRP Project Summary

*Willamette National Forest*



partnering with



Project Name:	Upper McKenzie River Side Channel (#2) Enhancement	Forest Service NFWF Funding:	\$2,500
Focus watershed:	Upper McKenzie River	Forest Service PAYCO Funding:	\$7,632
Project Contact:	Ray Rivera District Fisheries Biologist	Non-Forest Service EWEB Contributions:	\$21,600
Phone/Email:	(541) 882-7208 rrivera@fs.fed.us	Total Project Cost:	\$31,732

**Specific Project Purpose/Objective:** To increase habitat complexity in 1.0 mile of side channels for juvenile spring Chinook salmon, bull trout and other native species by adding coarse woody material (CWM).



**BEFORE:** Characteristic side channel habitat deficient in wood.

### Context and Expected Benefits (Contribution to Whole Watershed Restoration)

There is a lack of complex side channel habitat in the upper McKenzie River below Trail Bridge Dam, particularly for juvenile bull trout and spring Chinook salmon, both threatened under the ESA. Important spawning habitat for both species is located just upstream of the project area. Due to the spring-fed hydrology of the upper McKenzie River, LWM (6"-12" diameter) was determined to be of sufficient size to be stable and function as intended. This project contributes to the overall McKenzie River sub-basin bull trout and spring Chinook recovery plans, developed by multiple partners.

### Work Performed and Status



We utilized YCC crews as a cost-effective way to add CWM to the side channel while providing local jobs. Crew members used timber dollies and log carriers to transport wood from an upland site to side channels. Over 45 pieces of CWM were added in 9 separate accumulations – each consisting of 5 logs strategically placed for maximum stability and retention. Accumulations were then filled in with finer woody material to mimic natural log jams.



**AFTER:** Representative Coarse Woody Material (CWM) accumulation after treatment.

### Primary Partners

Eugene Water & Electric Board - \$21,600  
Forest Service (PAYCO) - \$7,632  
Forest Service (NFWF) - \$2,500