



# Reporting Our Progress in Caring for the Land and Serving People



## Canyon Creek Steelhead Enhancement Project (Phase I) Aquatics Program FY2012 Accomplishments Willamette National Forest, Pacific Northwest Region

**State:** Oregon

**Congressional District:** 4<sup>th</sup>

**Accomplishments:**

- Enhanced 50% of the high quality spawning habitat for ESA listed Winter Steelhead in Canyon Creek;
- Restored large wood accumulations on 3 miles of Canyon Creek;
- Completed 4 acres of streamside restoration;
- Reconnected 1 mile of side channels.

**Forest Service Contribution:** \$90,000

**Partner Contribution:** \$110,000

**Project Costs:** \$200,000

**External Partners:**

South Santiam Watershed Council, Cascade Timber Consulting, Oregon Department of Fish and Wildlife, Oregon Watershed Enhancement Board.

**Internal Partners:**

Recreation, Wildlife, Heritage.

The Sweet Home Ranger District worked collaboratively with the South Santiam Watershed Council and Cascade Timber Consulting (CTC) to place 125 trees with rootwads (Minimum 24" DBH and 80' long) into Canyon Creek in order to enhance ESA Listed Winter Steelhead spawning habitat. This project occurred on private industrial timber lands managed by CTC through a Wyden Agreement.



*Left- Log jams were built in this low gradient section of Canyon Creek to capture small wood and gravels. These structures were crucial in stabilizing the channel that has been migrating as a result of intensive past streamside management.*

*Below- This photo was taken after three separate bankfull events. The log jams in the above photo can be seen on the left. Note the significant pool formation and gravel sorting post-flood.*



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