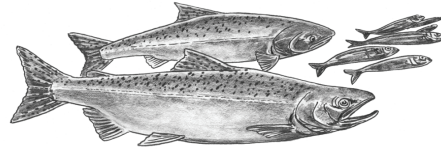


2010 Morse Creek Riverine Restoration



Why was restoration needed?

The straightened channel conditions, had resulted in high flow velocity, limited pool habitat, and recruitment of large cobbles and boulders, which resulted in extremely poor fish habitat for all life stages. This section of Morse Creek was also chronically deficient in large woody debris which are critical for complex fish habitat.



Project Overview

Location: Morse Creek, Port Angeles, WA
Length of stream channel rebuilt: 2400 feet
Number of ELJ's installed: 19

The Morse Creek Riverine Restoration Project re-activated 1700 feet of main channel, 700 feet of side channel and 9.3 acres of floodplain as it existed around 1930 prior to the installation of a dike which pushed the river against the valley wall. Restoration includes the removal of 1,100 feet of dike, the construction of 19 engineered log jams (ELJs) and the addition of 700 ft. of side channels that will provide wintering habitat for salmonids. Improvements will benefit ESA-listed steelhead, bull trout, pink salmon, coho salmon, chum salmon and out-planted Elwha Chinook.

Project Sponsor

North Olympic Salmon Coalition



Project Partners

Salmon Recovery Funding Board, WDFW, Lower Elwha Klallam Tribe, Clallam County, Department of Ecology, Fish America, NOAA Community-based Restoration Program, Wildlife and Recreation Program, National Association of Counties, N. Olympic Lead Entity for Salmon

