

Year 2008 Projects

Project Name	Activity	Project Description	Habitat Type	Acreage	Linear Miles
Expansion of Lower Lewis River Riparian Enhancement	Enhancement	Lower Columbia River Estuary Partnership Partnership (Estuary Partnership) funding will allow the Cowlitz Indian Tribe to expand riparian enhancement on three land parcels, in off-channel habitat, and on several small sandbars/islands on the lower Lewis River, within four miles of its confluence with the Columbia River. The Lewis River is tidally-influenced and water levels also fluctuate with dam drawdowns and rainfall. Plant selection and distribution takes into account these important factors. The three linked Projects are: the Martin Access Riparian Forest and Off-channel Habitat Enhancement, the Two Forks Access Riparian Forest Enhancement, and the Plas Newydd Farm Riparian Forest Enhancement. The proposed work will enhance riparian function and preserve scarce off-channel habitat for various salmonids species in the lower river, especially ESA-listed anadromous salmonids, and will assist fish recovery and reintroduction of anadromous and other native fish throughout the Lewis River basin. The project will comprise approximately 5,000 total linear feet of riverbanks, sandbars, and small islands in the lower tidally-influenced Lewis River.	Riparian	5	1
Historic Skamokawa Creek Restoration	Reestablishment	This is the second phase of a project intended to re-establish tidal-fluvial hydrology to Skamakowa Creek, through the installation of a freshwater intake structure, replacement of 2 tide gates, interior culvert retrofits, and channel enhancements. In this portion of the project, the freshwater inlet structure will be installed.	In-Stream	0	2.5
Lower Willamette River Off Channel Habitat Restoration at the Mouth of Stephens Creek	Enhancement	The Stephens Creek confluence project will enhance fish and wildlife habitat in 5 acres of floodplain adjacent to the Willamette River. Specific project elements include the following: 1) Removing the decommissioned combined sewer overflow (CSO) pipe on the north side of the stream; 2) Stream bank and wetland grading to reconnect the floodplain to the Willamette River; 3) Reclaiming the historic side channel by excavating on the south side of the stream; 4) Placing large wood structures along the Stephens Creek, the historic channel and the Willamette River; 5) Removing invasive plants and revegetating wetland and riparian areas; and 6) Adding bird boxes and other structural habitat.	Riparian	5	0
Mirror Lake Restoration Project	Enhancement	The Mirror Lake Restoration Project will restore native riparian forests, increase instream habitat diversity, and improve anadromous fish passage at a 400 acre site on Oregon Parks and Recreation Department land in the Columbia River Gorge. Specific activities include replanting 29 acres of a previously forested riparian area, installing large wood structures in an approximately 1,500 feet reach of a salmon bearing stream (Young Creek), replacing rip-rap with natural substrate materials, and installing baffles and/or weirs in a concrete culvert to improve fish passage. Specific project elements include the following: 1. Improve fish passage into the I-84 culvert by recreating a natural stream channel, i.e., replacing existing rip-rap with natural substrate. 2. Improve fish passage in the I-84 culvert by removing existing rip-rap and installing baffles and/or weirs to channel flow and create a low-flow thalweg. 3. Increase instream habitat diversity in Young Creek by installing LWD structures. 4. Replanting 28.4 acres of riparian forest.	Forested Wetland	28.4	0.5
Sandy River Delta Burn Area Rehab	Rehabilitation	This project will replant native trees and shrubs within a 20 acre area previously restored through an LCREP grant. A wildfire in August 2007 burned through approximately 10 acres, destroying most of the young ash, cottonwood, and native shrubs planted to restore native floodplain forest habitat on this portion of Sundial Island.	Riparian	20	0
Scappoose Bottomlands Habitat Connections Project	Enhancement	This project will enhance the critical habitat connections between Scappoose Bay and the salmon refugia habitat in the upper watershed. This restoration project will focus on a three-mile section of Scappoose Creek between the confluence of North and South Scappoose Creeks and 100 acres of wetland complex on private property. The project will enhance the riparian corridor along Scappoose Creek through control of invasive plant species, fencing along the creek to exclude livestock, and planting with native trees and shrubs. A stream reach analysis will be conducted for a mile section of the creek to understand impacts to the creek, to identify instream habitat and side channel reconnection opportunities, and to develop restoration design	Tidal Wetland	32	3

concepts.

Total

90.4

7