

Year 2003 Projects

Project Name	Activity	Project Description	Habitat Type	Acreage	Linear Miles
Grays River	Enhancement	This project is part of a regional effort to restore the health of the Columbia River estuary and recover declining populations of salmon and steelhead. Columbia Land Trust and its conservation partners, including resource agencies and other non-profit conservation groups, have developed a Grays Bay area conservation strategy to protect and restore over 1,200 acres of critical habitat. The Grays Bay conservation effort is currently underway. Over 600 acres have already been secured for conservation, with negotiation on an additional 280 progressing well. The conservation strategy for this project calls for restoring a large portion of the important habitat lands: 116 acres have already been restored with a remaining 500 currently in the design process. This project represents the single largest conservation/restoration effort in the Grays Bay watershed, and one of the largest and most important efforts in the Columbia River estuary.	Wetland	168	
Rooster Rock/Mirror Lake	Re-Establishment	The project will study the use of hydrologic site conditions and site modifications to provide long-term control of reed canary grass and blackberries in establishing a functioning wetland environment. The existing hydrology with treatment of the reed canary grass and blackberry areas will be used to help re-establish a functioning wetland and inhibit the re-growth of reed canary grass and blackberries. These invasive species have choked out the natural wetland vegetation. The prior agricultural grazing area has two stream culverts that will be evaluated for removal or modification. The I-84 freeway culvert will also be evaluated but implementing any recommendations for modification to that culvert will be outside the scope of this work.	Wetland	200	
Scappoose Watershed	Enhancement	The goal of this project is to conserve, restore and protect the remaining high quality wetlands in the lowland floodplain. The project has a 2 year goal of restoring and conserving 400 acres and a ten year goal of conserving 3,000 acres of wetlands and lowland floodplain. The project components will include collecting and synthesizing the existing information, conducting field studies to assess the wetland condition in the context of human disturbances (or stressors) and valued ecosystem functions, completing a risk assessment, developing a picture of reference conditions for particular wetland classes and types, prioritizing sites for protection or restoration, assessing restoration potential of a site or suite of sites and developing restoration goals and performance standards for each prioritized site. A parallel effort will include implementing a pilot restoration demonstration project and beginning conversations with private landowners about easements, fee title sale or donations and stewardship and restoration activities of the wetlands and riparian areas prioritized in the study.	Wetland	400	
Smith & Bybee Lakes	Re-Establishment	This revegetation project will study whether the implementation of watershed restoration activities will impact water quality. The partnership will restore native canopy, intercept rainfall, shade the waterbody to decrease water temperature, provide wildlife habitat and corridor linkage between core areas of habitat in the watershed. Work will include site preparation (removal of noxious weeds), planting (native, species appropriate), plant establishment (interplanting, continued weed control), and monitoring. This project is part of the City of Portland Bureau of Environmental Services' efforts to re-establish native plant communities throughout Portland, including the Columbia Slough watershed that includes Smith and Bybee Lakes Wildlife Area. A total of 92 acres have been replanted, mostly with woody vegetation, at the wildlife area to date.	Wetland	12	
Young's Bay	Enhancement	The goal of this project is to conserve a critical property within the Youngs Bay/Walluski River watershed, and restore the historic wetland habitat community to benefit fish, wildlife and estuarine health. This will be accomplished through the acquisition and restoration of two properties totaling 35 acres and over ½ mile of the river. This project is a first step in accomplishing a wider conservation effort in the Youngs Bay watershed and the Columbia River Estuary.	Wetland	35	
Total				815	