



**Salmon Program
State Recovery Projects
Post-Evaluation Project Summary**

TITLE: Larson's Bridge Historic Scale Log Jams	NUMBER: 00-1136R (Restoration)
	STATUS: Closed Completed
SPONSOR: Lummi Indian Nation	EVALUATION SCORE:
	BOARD RANKING:
COSTS:	SPONSOR MATCH:
Salmon State Projects \$150,000 77%	Federal Grant
Local \$45,000 23%	
Total \$195,000 100%	

DESCRIPTION:

Proposal is to fund 2 historic scale complex log jam structures consisting of very large logs with intact rootwads and racked woody material constructed in the active channel and adjoining channel migration zone of the South Fork Nooksack. The project assessment and preliminary design was completed by consulting fluvial geomorphologist, Tim Abbe. Assistance in this project was rendered by a US Army Corps of Engineers surveying crew and by Washington State Department of Ecology and Lummi Natural Resources staff. \$640,000- has been secured to construct 4 of the 6 log jams designed for Phase 1 of the project, including \$199,000 of 1999 GSRO funding. Additional funding will support the construction of the 2 additional jams required for the sub-reach design to be fully functional.

Project construction will go forward in summer 2000 and utilize large equipment to place the large historic scale woody debris project materials. The completed log jams will reduce bank erosion currently delivering massive amounts of fine sediment to the river. They will also restore large woody debris structure necessary to scour and maintain functional holding pools critical to the survival of endangered chinook salmon stocks. They will restore part of the complex network of log jams needed to reduce downstream sediment impacts. This project will include a comprehensive revegetation effort to immediately arrest erosion and provide additional rooting, shade and woody debris recruitment.

LOCATION INFORMATION:

North Central Skagit County, northeast of Sedro Woolley..

ST SALMON REGION: Puget Sound North	LEAD ENTITY ORG: Whatcom County Lead Entity
COUNTY: Skagit	WRIA: Nooksack (1)

SCOPE (ELEMENTS):

Architectural & Engineering In-Stream Habitat Sales Tax

SALMON INFORMATION: (* in

Species Targeted

Bull Trout	Pink
Chinook (Listed, Threatened (03/99))	Sockeye
Cutthroat (Not Warranted (04/99))	Steelhead (Not Warranted (08/96))

Habitat Factors Addressed

Channel Conditions	Loss of Access to Spawning and Rearing Habitat
Floodplain Conditions	Streambed Sediment Conditions

FISCAL YEAR: 2000	DATE PRINTED: June 12, 2003
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