



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

TITLE: Nooksack Roads Erosion Control			NUMBER: 01-1295R (Restoration)
			STATUS: Active
SPONSOR: Nooksack Salmon Enhance Assn			EVALUATION SCORE:
			BOARD RANKING:
COSTS:			SPONSOR MATCH:
Salmon Federal Projects	\$174,200	85%	Donated Equipment
Local	\$31,000	15%	Donated Labor
			Donated Materials
Total	\$205,200	100%	

DESCRIPTION:

Nooksack Salmon Enhancement Association (NSEA) is partnering with the US Forest Service (FS) to minimize erosion impacts from 10.8 miles of roads in the upper Nooksack river system (North and South Forks). This project also will eliminate two fish passage blockages, East Church road for native char and Thompson Creek road MP 2 for steelhead and native char.

The project's objective is to reduce risk of road failure, erosion and sediment production and its potential impacts on fish habitat and water quality. This project targets the limiting factor of egg to fry survival and holding habitat due to sedimentation for native chinook, coho, char, steelhead, trout, and bulltrout/dolly varden. Road deficiencies were identified in 1995 and 1996 during landslide inventories and road deficiency surveys. These road segments were identified as high risk for direct sediment delivery to the anadromous zone. Continued sediment loading and flood events have limited recovery of Chinook, Coho, steelhead, and native char/bull trout populations in the Nooksack system. The proposed drainage corrections will incrementally reduce sedimentation during storm events. The drainage correction design has been implemented on other similar projects by the FS and has shown to be successful.

LOCATION INFORMATION:

Mt. Baker-Snoqualmie NF

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

SCOPE (ELEMENTS):

Architectural & Engineering Sales Tax Upland Habitat

SALMON INFORMATION: (* in

Species Targeted

Bull Trout	Pink
Chinook (Listed, Threatened (03/99))	Sockeye
Coho (Candidate (07/95))	Steelhead (Not Warranted (08/96))
Cutthroat (Not Warranted (04/99))	

Habitat Factors Addressed

Channel Conditions	Water Quality
Streambed Sediment Conditions	

FISCAL YEAR: 2002 **DATE PRINTED:** June 12, 2003