



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

TITLE: Grouse Butte Roads Sediment Control			NUMBER: 00-1138R (Restoration)
			STATUS: Closed Completed
SPONSOR: Nooksack Salmon Enhance Assn			EVALUATION SCORE:
			BOARD RANKING:
COSTS:			SPONSOR MATCH:
Salmon State Projects	\$90,000	75%	State Grant
Local	\$30,050	25%	
Total	\$120,050	100%	

DESCRIPTION:

Nooksack Salmon Enhancement Association (NSEA) is partnering with United States Forest Service (USFS) to provide a controlled drainage path across the Grouse Butte road system in order to reduce risk of road failure, erosion and sediment production and to reduce the effects on fish habitat and water quality in Clearwater Creek, a major tributary to the Middle Fork of the Nooksack River. Logging, resulting sedimentation, has heavily impacted the Clearwater Creek system, resulting in increasing impacts to aquatic life and less holding habitat for the large populations of resident cutthroat trout and salmonids downstream. This roadwork was first identified in 1996 during a road deficiency survey and again in 1999, following storm activity.

The headwater area of Rocky and Clearwater Creeks is identified as a potential mass wasting area. Continued sediment and flood events are severely limiting recovery of Chinook, steelhead, Dolly varden, and bull trout population in the Nooksack system. The proposed water-bars will prevent sedimentation during storm events into the Middle Fork of the Nooksack River. The water-bar design has been implemented on other similar projects by the Forest Service and has proven to be successful.

Driveable rocked water-bars will be installed on road #3600, Grouse Butte MP 2.0 - 5.0; road #3620, Rocky Creek MP 0.7-MP 3.0 and road #3630, Elk Horn MP 0.0-MP 2.0 to reduce the chance of water being diverted.

LOCATION INFORMATION:

Central Whatcom County, south of Glacier.

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

Habitat Factors Addressed

Channel Conditions	Water Quality
Streambed Sediment Conditions	

FISCAL YEAR: 2000	DATE PRINTED: June 12, 2003
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