



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

<b>TITLE:</b> S Fork Nooksack River - Log Jam			<b>NUMBER:</b> 99-1708R (Restoration)
			<b>STATUS:</b> Closed Completed
<b>SPONSOR:</b> Lummi Indian Nation			<b>EVALUATION SCORE:</b>
			<b>BOARD RANKING:</b>
<b>COSTS:</b>			<b>SPONSOR MATCH:</b>
Salmon Federal Projects	\$199,100	52%	Appropriation \ Cash
Local	\$185,900	48%	In-Kind
Total	<u>\$385,000</u>	<u>100%</u>	State Grant

**DESCRIPTION:**

Lummi Natural Resources Department will place up to ten engineered log jams along 0.75 river miles (RM) of the South Fork Nooksack River. These log jams will accomplish three objectives. First, the jams will divert flow away from a 2500' long by 160' high cut bank/landslide complex that feeds approximately 90,000 yards of fine grained glaciolacustrine and glacial outwash sediment directly into a river reach used for spring Chinook spawning. Second, the jams will provide improved holding pool depth, complex woody cover, and stream temperature moderation essential for successful adult Chinook holding prior to and during spawning. Third, the jams will facilitate reconnection of mainstem habitats to floodplain off-channel habitats and to the lower reaches of Roaring (WRIA 0294) and Plumbago (WRIA 0292) Creeks which provide high flow and over winter habitats and spawning for coho and pink salmon and steelhead trout. This reach was selected based on spawning ground survey data (WDFW), historic pool mapping and channel geometry data (Lummi Natural Resources), and recent sediment production data prepared for Lummi Natural Resources. In addition, LNR has been doing riparian restoration projects in this and other reaches of the South Fork in cooperation with Crown Pacific and Seattle City Light for the past 3 years. Topographic surveys, engineered designs, and fish utilization and habitat quantity/quality data will provide baselines for monitoring.

**LOCATION INFORMATION:**

North Central Skagit County, northeast of Sedro Woolley

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

**SCOPE (ELEMENTS):**

Architectural & Engineering                      Instream                      Sales Tax

<b>FISCAL YEAR:</b> 1999	<b>DATE PRINTED:</b> June 12, 2003
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