



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

TITLE: Johnson Creek/Mosquito Lk. Rd. Culvert			NUMBER: 00-1116R (Restoration)
			STATUS: Active
SPONSOR: County of Whatcom			EVALUATION SCORE:
			BOARD RANKING:
COSTS:			SPONSOR MATCH:
Salmon State Projects	\$19,876	50%	Force Acct - Equipment
Local	\$19,875	50%	Force Acct - Labor
Total	<u>\$39,751</u>	<u>100%</u>	Force Acct - Materials

DESCRIPTION:

The objective of this project is to remove an existing fish passage barrier (impassable culvert) and replace with a passable structure (properly placed culvert). The project will open up 1812 m2 of spawning habitat, and 5077 m2 of rearing habitat, previously inaccessible to salmonid use.

The project is located in township 38 north, range 05, section 35, 1/4 section NE, on Johnson Creek. The impassable culvert is under Mosquito Lake Road, in Acme, Washington. The surrounding terrain is Cascade foothills, with forested slopes of conifers, and mixed deciduous stands along stream banks.

The targeted species for this project would be wildstock fall chinook and coho salmon, as well as steelhead and cutthroat trout. The presence of these four species has been documented in the portion of Johnson Creek which is accessible to salmonids. It is reasonable to assume that these species would migrate further upstream, upon completion of the project.

This project receives support from Washington Trout, the Nooksack Tribe, and Washington Department of Fish and Wildlife. The timeframe for construction would be from June 15, 2000 to October 1, 2000, as per Washington Department of Fish and Wildlife regulations.

As a sizeable tributary to a known salmon stream, Johnson Creek has the full potential to produce and provide habitat for important salmonid species. Alleviating the passage problem at Mosquito Lake Road, would turn that potential into reality.

LOCATION INFORMATION:

Central Whatcom County, south of Deming.

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

SCOPE (ELEMENTS):

Architectural & Engineering	In-Stream Passage	Sales Tax
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SALMON INFORMATION: (* in

Species Targeted

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

Habitat Factors Addressed

Loss of Access to Spawning and Rearing Habitat

Measurements

Estimated meters of salmonid bearing water opened up by this project: 1,078.00
 Of that. percent spawning habitat: 26.00% Percent rearing habitat: 74.00%

