DEVELOPMENT/RESTORATION FINAL REPORT

Sponsor Name: Colville Confederated Tribes (Christopher J. Fisher)

IAC Project Number: #01-1420R

Project Name: Omak Creek Road Decommission

IAC Invoice Voucher Number:

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MAR 16 2007
INTERAGENCY COMMITTEE
FOR OUTDOOR RECREATION

1. Reporting period: Contract Start: **7/1/03** Project Completion: 3/31/06

2. Provide a site plan identifying the development completed in this project [2 copies, no larger than 11" x 17" size]. Please date the plans. I have attached road sections that were decommissioned. This included ripping road bed to a depth of 18" and seeding the decommissioned road sections with a native seed mix. Also, culverts within the decommissioned road sections were removed and the road bed was sloped away from the creek at 3:1. (SEE attached map for location of decommissioned road sections)

3. Did this project include elements as part of a mitigation plan? No X Yes ☐ If yes, explain:

This project was directed at reducing the primary limiting factor, percent of fine sediment (< 0.25" diameter), in spawning habitat for summer steelhead in Omak Creek. By reducing the amount of fine sediment delivered to surface waterways in the Omak Creek watershed, egg-to-fry production for summer steelhead should increase. Furthermore, by reducing the amount of fine sediment, an increase in more stable substrate will likely result in an increase in macro-invertebrate abundance.

4. Type and number of facilities developed [be specific]: Not applicable

Sponsor Comments: Omak Creek, a tributary to the Okanogan River and wholly contained within the Reservation of the Colville Confederated Tribes, is one of the few tributaries to the Okanogan River that currently supports summer steelhead. However, there remains impacts to habitat, specifically the % fine sediment. High road density, particularly in the upper watershed, continue to be a source of fine sediment which ultimately is delivered to Omak Creek, which retard the recovery of anadromous and resident fish populations. Thus there has been an effort initiated in 2000 to decommision roads unnecessary for natural resource management. Roads can affect fish and fish habitat in several ways. Since 2000 over 50 miles of road have been decommissioned. In an effort to evaluate effectiveness, V-star, a volumetric measurement of fine sediment has been conducted during 2000 and 2005. Over the 5 year period there has been nearly doubling of the amount of sediment in Omak

Creek (2000, .43; 2005, .74). However, this condition is likely more reflective of the low spring discharge which occurred in 2004 and 2005. None-the-less an effort continues to reduce the amount of sediment sources. This effort includes potential sediment sources, such as undersized culverts, two of which were replaced during 2006 with bottomless arch culverts, as well as an ongoing effort to decommission unnecessary and unstable road sections.

I hereby certify that this project has been completed in accordance with the Project Agreement. Further, I certify the completed project is consistent with both the scope of the project approved (as amended) by the Interagency Committee for Outdoor Recreation (IAC) or Salmon Recovery Funding Board (SRFB) and with the project application.

Sponsor Signature	Date	Title	Telephone Number
	3/9/07	Fisheries Bio III	(509) 422-7427

Omak Road Abandonment
Final August 17, 2005
12.4 miles