

Work Plan for:

**Lower White Creek Habitat Restoration
(RCO Project #05-1622)**

March 25, 2008

Prepared for:

Barb McIntosh, SRFB Grant Manager
Washington Recreation and Conservation Office

Prepared by:

Will Conley, Watershed Restoration Specialist
Yakama Nation Fisheries Program

Introduction

White Creek is tributary of the Klickitat River that provides important spawning and rearing habitat for ESA-listed Middle Columbia River steelhead. The White Creek watershed as a whole is likely the most important steelhead spawning and rearing tributary watershed within the Klickitat subbasin accounting for, in some years, up to 40% of the observed spawning in the entire Klickitat subbasin. Consequently White Creek is located in the top tier of priority geographic areas identified in the *Klickitat Lead Entity Region Salmon Recovery Strategy*.

The project reach occurs along the mainstem of White Creek between RM 3 and RM 5. The project addresses limiting habitat features identified for this reach associated with bed degradation, pool structure, and LWD abundance by enhancement of existing pools via construction of LWD jams at 18 sites. While the project is aimed at improving rearing habitat for summer and winter steelhead, it is anticipated to benefit adult holding and spawning habitat as well.

Work Plan

The biggest constraint on project planning and implementation is logistics. The project reach flows through a 700' - 900' deep canyon that has very little access. An old logging road that approaches from the downstream end of the reach provides the best access. The road sits on a bench 100' – 200' above the stream and will be re-opened to provide equipment access during construction. It will be re-closed following completion of construction.

Construction will be completed by October 31, 2009. Final billing will be submitted by December 15, 2009.

	Start	Complete
Design		
Field Data Collection	9/1/05	5/30/09
Hydraulic Modeling	1/1/09	6/30/09
Drawings and Specifications – DRAFT	4/1/09	4/15/09
Drawings and Specifications – FINAL	5/1/09	5/15/09
Permitting		
Cultural and Archaeological	10/1/07	9/30/08
NEPA	10/1/07	9/30/08
ESA	10/1/07	12/31/08
YN Hydraulics	10/1/08	11/30/08
Construction		
Harvest Bids solicited	10/1/08	10/31/08
LWD harvest and stockpiling	12/1/08	8/31/09
Construction Bids solicited	5/15/09	6/15/09

In-channel construction	9/1/09	10/31/09
Progress Reports		
July 2008	7/1/08	7/31/09
July 2009	7/1/09	7/31/09
Billing		
Billing	6/1/09	6/15/09
Final Billing	12/1/09	12/15/09

