

## DEVELOPMENT CHECKLIST

**Sponsor Name: Yakama Nation**

**IAC Project Number: 06-2292R**

**Project Name: Hancock Springs**

**IAC Invoice Voucher Number:**

✓ **Elements**

- A-19 Invoice Voucher
- Development Expenditure Summary – Form IAC 207 or an equivalent report that provides at a minimum: a description, date of service, vendor or employee, check # or equivalent, and amount. Include force account expenditures on this report.
- N/A Donation Forms (if applicable):
  - Donated Unskilled Labor Contributions – Form IAC 205a
  - Donated Professional and Skilled Labor Contributions – Form IAC 205b
  - Donated Equipment Contributions – Form IAC 205c
  - Donated Materials/Stock/Vehicles Contributions – Form IAC 205d
- N/A Construction Plans and Specifications (if not previously submitted)
- N/A Development Final Report Form IAC 204 (if appropriate)
- X Retain detailed construction, donation records and proof of payment

### **Progress Report**

*List work accomplished to date and future time tables*

#### **March 2007-June 31, 2007**

*To date, the project thus far has proven successful and is continuing to improve the spring and associated riparian habitat.*

*The 2007 field tasks included placing in stream wood structures throughout the spring as well as utilizing coir vegetation logs and mats to promote bank formation and stabilization. These "logs" and "mats" are made of coconut fibers and have proven to be an ideal way of constricting the channel and building up banks. Being biodegradable, these structures will last for approximately 3-5 years. Ideally, they will be instrumental in sediment caching in order to promote new bank formation. They have also served well for juvenile rearing in providing cover. Steelhead fry from last spring's brood have been seen throughout the spring; however they concentrate in and around the coir mats and logs.*

*Supplemental riparian vegetation was planted throughout the upper and middle sections of the spring and will continue in 2008 as needed. Plant survival is promising and will become more evident in spring 2008.*

#### **July 1, 2007 through September 30**

*In this time frame, there was no activity on the Hancock Springs Restoration project. YN staff work under contractual obligations on other projects during these months.*

#### **Spring 2008**

*Future tasks include: In spring of 08' YN staff will continue LWD placement in the middle section, installing coir mats and logs where needed to facilitate bank stability and natural riparian plant recruitment, riparian area plantings.*



*Coir mats between log structures. (take note of the meander in the channel created by the log structures)*



*Coir mats are installed around existing vegetation.*



*Coir mats are placed within coir logs on bank margins in shallow/drier sections created by channel constriction. (construction is ongoing)*



*Section of coir log structures with mats in between.*



*Riparian plant survival has greatly increased due to the installation of a deer fence and supplemental plantings are beginning to show growth.*



*Juvenile steelhead near a coir log structure*