

**1997 ASOTIN CREEK WATERSHED PROJECTS  
PROJECT REVIEW**

**Project Name:** Asotin Creek Channel and Fish Habitat Restoration  
**BPA Project Number:** 97-82  
**BPA Contract Number:** 97AP36971  
**Project Implementor and Address:** Asotin County Conservation District  
725 6<sup>th</sup> Street, Suite 102  
Clarkston, WA 99403  
**Project Leader(s):** Bradley J. Johnson, District Manager

Project Description (Short): Improve in-stream fish habitat, re-establish geomorphic stability of the stream and recovery of the riparian community.

**Location Information:**

Site Name (i.e. creek, hatchery): Asotin Creek Watershed Hood Site #5  
Subsite Name (i.e. specific location, legal description): R44E, T10N, Sec. 35, NE 1/4  
County & State: Asotin County, Washington  
Hydrounit Number: 17060103040  
Quad Map(s): Rock Pile Creek

**Site Type Description (See Attachment 1):** A, F, S

**Work Type Description (See Attachment 2):** B, C

**Is project completed?** Yes: X No

**If no, when is the project scheduled to be completed?**

**If yes, how long did the project take from start to finish (not including ongoing monitoring & evaluation activities)?** 1 week

**Was the project completed within the original budget?** Yes: No: X

**If no, what caused cost overruns?**

The riparian exclusion fence built on the lower end of the feedlot along the Creek was overbuilt due to the number of animals kept in this area. It is also hard to dig in this area and the machinery needed to complete the job caused it to come in over budget.

**What was the overall cost of the project?** \$8,553.60

**What was actually produced/built/accomplished by the project (please quantify if possible--e.g., 5 miles of fence constructed, 2 miles of streambank stabilized, 20 acres of land acquired, etc.)?**

One low stage rock barb, one rootwad barb extended into existing pool, three rock barbs and one rock vane with rootwad.  
Nine hundred fifty feet of riparian fencing installed.

**Are salmon production/supplementation activities planned or currently being implemented in this watershed?** Not at this time.

**What will be the benefits of the products described above for anadromous fish?**

Increased resting and rearing areas with the addition of four quality pools with root wads and woody debris was added to an existing pool for complex habitat. The area has been seeded to grass and fenced to exclude cattle. The site will be planted to trees and shrubs in the spring of 1998. The fencing of this site and the planting of trees and shrubs will help reduce fecal coliform contamination and reduce streambank sloughing. Once the trees mature, they will help shade the Creek thereby reducing water temperature.

**When will these benefits become available (immediately, next summer, 5 years, 10 years)?**

Project benefits will vary. The riparian area is fenced and tree and shrub plantings are identified for the spring of 1998. Planting benefits will be seen over a longer period of time while habitat structures will have immediate benefits with the addition of pools and large woody debris for resting and rearing areas.

**Were monitoring and evaluation activities undertaken in association with the project**

Yes: X            No

If Yes, list types and duration of monitoring:

Photo monitoring with before and after pictures and yearly pictures taken from a fixed point.  
Scour chains to determine the amount of bedload build up or scour deposition.  
HOBO temperature meters record daily temperatures.  
ISCO sediment samplers record daily suspended solids.  
WSU Creek monitoring to measure monthly flows, fecal coliform levels, ammonia, nitrate, total nitrogen and total phosphorous.

**Are “before and after” photographs of the project site available?**    Yes: X            No