

**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 6th 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 establish a riparian plant community.

Location Information:

Site Name (i.e. creek, hatchery): Asotin Creek Watershed Schlee Site #1

Subsite Name (i.e. specific location, legal description): R44E, T9N, Sec. 34, NE 1/4

County & State: Asotin County, Washington

Hydrounit Number: 17060103040

Quad Map(s): Harlow Ridge

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: X No

If no, what caused cost overruns?

What was the overall cost of the project? \$11,867.55

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 vortex rock weir and two rock barbs installed on upper portion of site.

Five hundred fifty feet of existing stream channel increased to six hundred thirty-five feet of meander reconstruction with five vortex rock weirs, four rock barbs with root wads, six log spurs and one log barb.

Two hundred fifty feet of riparian fence 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 fifteen quality pools, four with root wads for complex habitat and seven with woody debris in the form of logs. The area has been seeded to grass and fenced to exclude cattle. The site will be planted to trees and shrubs. 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.
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