

Prospectus Template For GRMW BiOp Projects

Overview Information
Project Name: Sage Creek Culvert Replacement
Sponsor Name: Nez Perce Tribe
Technical contact name, phone # & email: <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> FS: Alan Miller (541) 426-5682 amiller@fs.fed.us </div> <div style="width: 45%;"> NPT: Rick Christian (541) 432-2506 richardc@nezperce.org </div> </div>
Project Objectives (bullets, 1 to 2 sentence description): <ul style="list-style-type: none"> ➤ Replace culvert with a structure that allows passage for all aquatic organisms and life history stages ➤ Re-open 4.05 miles of habitat for ESA listed Snake River Steelhead
Stream Name: Sage Creek
Tributary to: Deer Creek
Species benefited: SRB steelhead trout (<i>Oncorhynchus mykiss</i>), bull trout (<i>Salvelinus confluentus</i>), resident rainbow/redband trout (<i>Oncorhynchus mykiss gibbsi</i>)
Miles/acres/feet to be restored by this project: 4 miles
Estimated total cost: \$275,000 (TBD by final design) GRMW BiOp funding request*: \$175,000
Anticipated project start & end date: July 15-August 15, 2011 (instream work window)
* Cost share is not required, but may affect project ranking with relation to cost/benefit of project actions.

Project Characteristics
Brief Project Description (What are you proposing to do? 1- 3 paragraphs, a more detailed description will be submitted under the proposal process):
<p>This culvert was identified as a total barrier to all life history stages of fish (Fish Passage Assessment: Wallowa County, Oregon 2007). This project will replace the existing structure with one which will provide for successful aquatic organism passage for all life history stages of all aquatic organisms, primarily Snake River Steelhead. This would be done while simulating natural channel conditions with the installation of an open-bottom arch culvert (depending on final design). When implemented, this project will open over 4 miles of anadromous fish habitat for federally listed fish.</p>

Limiting Factors from Recovery Plan or Subbasin Plan addressed by project:

Fish passage

- Grande Ronde Subbasin Plan Supplement (2005), where it specifically stated under 5.2.2.1 (Goals section, p36), "Utilize priority list of passage barriers developed by NPT for Wallowa County." On the same page this document goes on to state that the largest potential increase in steelhead and Chinook production occurs in the Wallowa River Watershed, and thus, "...priority should be given to improving fish passage in..." this area.

Relation of Project to Other Planned, Ongoing, or Completed Restoration Projects (1-2 sentences. Is the project part of a multi-phase effort, is this work tying to previous work in the watershed/stream):

Recent Deer Crk Culvert Replacement – Fish passage improvement; Planning phase of fish passage improvement on the Big Canyon Adult Collection & Juvenile Acclimation Facility; this culvert is currently being designed and is at about 80% complete.

List permits needed to implement project and at what phase you are at in obtaining the permits:

Project is covered by USFWS/NMFS programmatic Aquatic Restoration BOs and ACOE programmatic permit.

Landowner Participation (Has the landowner been contacted and supportive of project, are they contributing to the project):

Project is located on NFS land – WWNF will be a partner on this project. Letter of support on file.

Identify any major issues to implementation and approach to issue resolution:

None