

STATE OF IDAHO
SNAKE RIVER BASIN ADJUDICATION HABITAT FUND APPLICATION
Round 1

Application Due December 21, 2007

Email application form and supporting documents or questions about the application process, to Jeff Allen, Office of Species Conservation (OSC), at: jallen@osc.idaho.gov

PROJECT NUMBER (will be assigned by OSC):

1. Contact Information

- 1.1. Applicant name (name of organization applying for grant): Northwest Management, Inc.
- 1.2. Contact person (lead person to be contacted regarding project): Jim Colla
 - 1.2.1. Address: W 21 Commerce Dr, Suite G, Hayden, ID 83835
 - 1.2.2. Telephone: 208-772-8554
 - 1.2.3. Fax: 208-772-4654
 - 1.2.4. Email: colla@consulting-foresters.com
- 1.3. Technical contact (person who will be project lead/implementer): same as above
 - 1.3.1. Address:
 - 1.3.2. Telephone:
 - 1.3.3. Fax:
 - 1.3.4. Email:

2. Project Overview

- 2.1. Project title: Mission Creek Restoration
- 2.2. Identify the basin in which project will take place:
 - Clearwater
 - Lemhi
 - Little Salmon
 - Pahsimeroi
 - Upper Salmon

- 2.3. Project abstract: (Summarize the project – three paragraph limit):
This project is an outgrowth of OSC project 04705 CW where potential habitat restoration projects were identified on family forest lands. As this project is located in Mission Creek, a tributary to Lapwai Creek and the Clearwater River, this project fell outside a high priority watershed and was not funded. Proposed works include improving stream crossing structures (fords) to reduce sediment delivery, abandonment and relocation of a road segment out of the Mission creek stream protection zone (SPZ), removal of an undersized culvert, revegetation of denuded stream banks, and riparian fencing.
- 2.4. Project additional details if needed. (Include a brief explanation of current conditions and the reasons the project is needed):
1. Removal of a perched culvert from an abandoned segment of a County Road to reduce sediment delivery and provide for fish passage.
 2. Install a catch basin in a Class II intermittent tributary to act as a sediment trap and water storage area for cattle during drought conditions and keep cattle from using Mission Creek (Class I) in this locale.
 3. Obliterate an existing road (old railroad grade) in the Mission Creek SPZ and relocate a short segment of road out of the SPZ.
 4. Reconstruct and armor an existing substandard and badly eroding ford in a Class I stream.
 5. Install a 18" cmp in a minor draw to provide for cross drainage and reduce sediment delivery downstream.
 6. Plant grass, shrubs, trees in riparian zone to reduce sediment delivery, provide thermal cover, and a source of future in-stream wood.
 7. Install fence to protect riparian improvements from cattle, deer and elk.
- 2.5. Identify the benefits that will be derived from this project (particularly, benefits to ESA listed steelhead or salmon):
This project is generally designed to improve instream and riparian habitat and improve fish passage by a combination of reducing sediment delivery and improving channel stability and fish passage. This project will also allow fish to access potential spawning and rearing beds for approximately two miles of upstream watershed.
- 2.6. Demonstrate how the proposed project relates to the Lemhi Long Term Conservation Plan, the Idaho Forestry Program or the SRBA B-list watershed work plans:
The project takes place within the Clearwater River watershed and Idaho Forestry Program project area. The involved ownership is substantial and adjoins Nez Perce Tribal lands; forestry and grazing practices have been ongoing in this location for decades and is expected to continue for years to come. Consistent with the goals of the Idaho Forestry Program, the owner desires to install practices to improve riparian conditions and habitat, practices

that go beyond current Idaho FPA standards.

- 2.7. Summarize the monitoring and evaluation activities associated with this project (who, what, where, when and approximate costs). Please explain how the monitoring activities will measure/quantify the benefits to the habitat/resident fish:
As funds will be used primarily to install restoration works, monitoring and evaluation will be limited to assessments of whether or not projects were correctly installed (implementation monitoring). In addition, photo points will be established to document current condition and monitor changes over time (effectiveness monitoring).
- 2.8. Length of stream (miles to .01 miles) and/or number of acres to be monitored as part of project: 2 miles
- 2.9. Total SRBA funds requested:
- 2.10. Total non-federal match provided (cash and/or in-kind; note BPA funds are considered a non-federal match for the purposes of the SRBA program—please see important attached cost share guidelines):
- 2.11. Anticipated project start date(m/d/yy): 5/1/2008
- 2.12. Anticipated project end date (*no more than 3 years from the project approval date; however, the timeframe is contingent upon the award or grant year and may need to be adjusted accordingly*) (m/d/yy): 9/30/2009
- 2.13. Please include a map or project diagram if relevant.

3. Project Deliverables and Estimated Timeline

- 3.1. Please attach, or list below, major project deliverables along with the estimated timeline for completion of each deliverable:
See item 2.4, depending on fund availability it is expected that earthwork related items will be completed in 2008, with riparian plantings and fencing to be completed in 2009.

4. Project Support and Relationship to Watershed/Sub-basin Planning

- 4.1. Describe landowner support for the project:
The landowner representative, Mr. Russ Snyder of McCann Land & Cattle, is in favor of this project and wants to do what he can to support endangered fish species.
- 4.2. Assess community support for the project:
Community support in this sense refers to agencies and interests who are interested in accomplishing meaningful projects on the ground. There is widespread recognition and support among resource professionals for projects

that will improve fish habitat, including the Nez Perce Tribe. The Idaho Department of Lands, Craigmont office has expressed written support for this project.

- 4.3. Which individuals or groups will oppose this project?
None to our knowledge.
- 4.4. Does the project address prioritized objectives and/or strategies identified in the relevant watershed and/or Northwest Power and Conservation Council approved sub-basin plan(s)? Yes No If yes, identify relevant plan(s):
Unknown, except that NMI understands this stream is a high priority watershed for the Nez Perce Tribe.
- 4.5. Does the project address limiting factors identified in the relevant watershed and/or sub-basin plan(s)? Yes No If yes, identify relevant plan(s) and the limiting factors within those plans:
Unknown, except that NMI understands this stream is a high priority watershed identified for the Nez Perce Tribe, as such, it is intended to address limiting factors related to riparian and instream habitat.
- 4.6. Has this project been reviewed, and if applicable ranked against other potential SRBA projects, by a local technical team, scientific advisory group, or the sub-basin working group? Yes No Please attach group's findings:
Unknown, except that NMI understands this project meets the intent of restoration elements of the Idaho Forestry Program.
- 4.7. Are there past, current or future projects that complement the proposed project: The owners have improved at least two other crossings on their ownership, and desire to do additional stream restoration projects should fiscal resources be available.

5. Permits

- 5.1. List all government permits known to be needed to complete project:
Activities are considered maintenance items and therefore exempt under stream channel alteration rules and related regulations. A forest practices notification and variance may be required from IDL.
- 5.2. Landowners granting access for project (please attach access agreements):
Not applicable.

6. Budget

6.1. Provide a summary of project costs including both SRBA and non-Federal cash and/or in-kind match in the table below (attach additional budget detail if necessary):

<i>Category</i>	<i>SRBA Funds</i>	<i>Non Federal Cash Match*</i>	<i>Identify Non Federal ash Match Source</i>	<i>Non Federal In-Kind Match*</i>	<i>Identify Non Federal In-Kind Match</i>	<i>Total Non Federal Match</i>	<i>Total</i>
Salary	3500			1175	NMI	1175	4675
Fringe							
Travel	500			165	NMI	165	665
Supplies	3500	1175	McCann			1175	4675
Communications/Utilities							
Training							
Lease/Rental	3500	1175	McCann			1175	4675
Land Acquisition							
Capitalized Equipment							
Equipment O&M	3500			1175	McCann	1175	4675
Subcontracts							
Other	500			165	McCann	165	665
Indirect							
TOTAL	15000	2350		2680		5030	20030

6.2. Do you plan on subcontracting with a federal agency?

Yes If yes, with whom, for what, and how much?

No

* Total 25% non-Federal cash and/or in-kind match is required. BPA funds are considered non-Federal match for purposes of Idaho’s SRBA Habitat Fund Program.

7. Project Worksite Information

Complete the following information for each on-the-ground worksite where project activities will take place (e.g., if culverts will be removed from two tributaries – complete all of the following project worksite information for each tributary). Some projects may have only one worksite, while others will have many. For each additional worksite, complete a *Supplement form* and attach to this form.

- 7.1. Worksite number 1 of 1
- 7.2. Worksite name: McCann
- 7.3. Briefly describe, in sequential order, the project activities that will take place at this worksite:
see 2.4 for list of project activities
- 7.4. County where worksite is located: Nez Perce
- 7.5. Land ownership at worksite (identify percentage):
Private: 100
State:
Federal:
- 7.6. Worksite location details:

Is GIS data available for the worksite (e.g., ARC GIS data files)?

- Yes
 No

Provide one the following:

Latitude: (Decimal format)
Longitude: (Decimal format)

- Or -

Streamname:
Begin Ft:
End Ft:
LLID:

- Or -

Township: 33N
Range: 3W
Section: NE22

- Or -

3rd Field HUC:
4th Field HUC:
5th Field HUC:

Other location notes:

- 7.7. Anticipated work start date at this worksite (m/d/yy): 5/1/08
- 7.8. Anticipated work end date at this worksite (m/d/yy): 9/30/09
- 7.9. List salmonids historically present at this worksite:
Fish observed in this reach by IDL, but species unknown
- 7.10. Species/ESUs targeted by actions to be completed at this worksite (select all that apply):

- Snake River Spring/Summer-run ESU Chinook Salmon
- Snake River Fall-run ESU Chinook Salmon
- Snake River Basin ESU Steelhead
- Snake River ESU Sockeye Salmon
- Bull Trout
- Westslope Cutthroat

- 7.11. Limiting factors addressed at this worksite through project actions (check all that apply):

- Biological processes
- Channel conditions
- Exotic species
- Fire regime
- Floodplain conditions
- Irrigation diversions – screens
- Lake Habitat
- Loss of access to spawning and rearing habitat
- Predator/competitor interactions
- Riparian conditions
- Streambed sediment conditions
- Temperature
- Trophic interactions
- Water quality
- Water quality (toxics)
- Water quantity

Other:

- 7.12. Complete all of the following that apply to this project worksite. For each section that you select as applicable, please answer each highlighted field. If a highlighted field does not apply enter zero or NA.

Screening

- Number of screen(s) installed:
- Flow rate of water diverted (cfs):

- Quantity of water protected by screens (duty):

Instream Habitat

- Number of miles of streambank stabilization treatment (miles to .01 miles): .1
- Length of instream habitat treated, except for bank stabilization (miles to .01 miles): .1

Instream Flow

- Amount of water returned to the stream (cfs):
- Length of stream affected (miles to .01 miles):
- Start date of the return flow (m/d/yy):
- End date of the return flow (m/d/yy):
- # of water flow gauges installed:
- Volume of water leased or purchased (cfs):

Fish Passage Improvement

- Number of fish passage blockages removed or improved: 2
- Length of stream made accessible by the removal of barriers other than culverts (miles to .01 miles):
- Length of stream made accessible for passage of salmon species by the improvement or removal of culverts (miles to .01 miles): 2.0

Riparian Habitat

- Length of riparian stream bank treated (miles to .01 miles): .1
- Amount of riparian area treated except for invasive species treatment (acres): .1
- Amount of riparian area treated for invasive plant species (acres):

Upland Habitat

- Amount of upland area treated (acres):
- Length of road treated (miles to .01 miles): .1

Wetland

- Amount of wetland treated (acres):
- Amount of artificial wetland created (acres):
- Amount of wetland area of invasive species proposed for treatment and actually treated (acres):

Land acquisition/easements/leases

- Amount of land, wetland or estuarine area protected with acquisition/easement/lease (acres):
- Length of stream bank protected through land acquisition/easement/lease (miles to .01 miles):

Cost Share Guidelines

The non-Federal match, whether cash or in-kind, is expected to be paid out at the same general rate as the SRBA share. Exceptions to this requirement are discouraged, but may in select circumstances be granted by OSC, based on sufficient documentation demonstrating previously determined plans for, or later commitment of, cash or in-kind contributions.

In all cases, the subgrantee must meet their cost share commitment over the life of the award (three years or less). The same requirements that apply to the SRBA award funds (e.g., adequacy of personnel records, inclusion of only allowable costs as defined in the applicable OMB circulars, and adequate documentation of costs), apply to the non-Federal match.

Non-Federal match used to meet Idaho's SRBA requirements may not be included as contribution for any other federally assisted project or program.