



Competition Announcement

RADICAL SALMON '07 "Redd October:" Innovations in Salmon Restoration Design

Deadline for Proposals: October 31, 2007

The focus of this year's Radical Salmon design competition, "Redd October," is on in-stream projects that directly improve the spawning success of salmonids from the mating stage to the stage when fry are migrating downstream.

Background: King County and the National Fish and Wildlife Foundation are sponsoring a competition this fall to identify and field-test promising new techniques for salmon habitat restoration. Our goal is to fund the design of up to four pilot habitat projects to promote new restoration techniques applicable to central Puget Sound. The design approach should take into consideration constraints and ongoing impacts typically encountered by restorationists. One design will be chosen to receive funding for project implementation as well. All designs must include a selected location for implementation and preferably a fallback location.

The awards: Four winning proposals will each receive up to \$5,000 for design work. Designs should result in a clear plan for project implementation. Once designs are complete, the four winners will be evaluated again and the top design will receive a guarantee of funding for the eventual implementation costs of the project, up to \$65,000, plus another \$5,000 for the design work. Limited technical assistance with engineering review, permit assistance, and with finding community partnerships may also be available upon request. The top runner-up will receive funding for project implementation should the winner be unable to implement their design.

Eligible entries: Designs must focus on habitat restoration on salmon-bearing water bodies in King County. Projects along Snohomish County streams that flow into King County are also eligible. Designs can range from simple to complex, but should be largely novel, practical, and easily replicable in developed and/or agricultural landscapes. Nonprofit organizations, community groups, tribes, and local governments are welcome to apply, as well as students and design consultants. Individuals or for-profit businesses submitting proposals are strongly encouraged to partner with a non-profit organization.

How to enter the contest: Interested applicants must submit a proposal limited to four pages, plus a one-page diagram to illustrate the proposed design concept. The proposal should include:

- A brief history of the problem; if applicable, a discussion of traditional solutions that have been applied to date; a description of the proposed restoration design; and an explanation of what is novel about the design approach;
- The habitat type(s) and functions that the design would create, modify or protect;
- The type of landscape settings in which the design could be appropriately implemented and a brief description of the site selected for implementation, along with the name and location of potential alternate sites;
- A rationale describing the benefits and limitations of this design compared to traditional designs that achieve similar results (if applicable);
- Potential partnerships and opportunities for community involvement in project implementation, maintenance, and monitoring;



- A brief statement of how the ensuing project can be evaluated in a scientifically credible way according to parameters commonly used by fish biologists. Evaluation measures may include assessment of direct and/or indirect project benefits;
- A brief budget statement, including final design costs, estimated costs for implementation of the project (if known), and potential sources of matching funds.

Finalists will be asked to give a brief presentation in front of a panel of judges, who will select the four winning designs.

The four winners will be given \$5,000 and have two months to complete designs, which they will bring back to the panel of judges for a second presentation. The judges will then select the winning project for implementation funding.

Please note that no proprietary designs will be accepted.

Criteria: A panel of judges will determine which entries best meet the following criteria:

- Innovation – New techniques, originality, departure from the “tried and true”
- Effectiveness/technical merits: Likelihood that, once completed, the project will meet its intended purpose with demonstrable direct or indirect benefits to salmon habitat
- Feasibility – Confidence that the project can be implemented successfully
- Replicability – Likelihood that the project can be replicated readily in other areas

Preference will be given to projects that:

- Include opportunities for on-the-ground participation by community members
- Have the potential to leverage significant in-kind or cash match
- Can readily be implemented on private property
- Focus on spawning, including issues of spawning habitat and fry migration

Types of projects: Here are some examples strictly to illustrate a range of concepts that would be considered for review. This list is by no means comprehensive.

- Low-tech/low-maintenance sediment transport attenuation
- Creative refugia in highly modified systems
- Spawning “sanctuaries” in adverse environments
- Low-flow anti-stranding designs or high-flow anti-flushing designs
- Any in-stream project that directly improves spawning success from the mating stage to the initial out-migration of fry.

NOTE: Innovative designs not related to this year’s focus on in-stream habitat, such as fish passage or improved riparian conditions may also be submitted for consideration. However, the main focus of this year’s contest is on projects that improve spawning success and these projects will be given special consideration.

Schedule: Proposals are due by October 31, 2007, and should be submitted by e-mail to bferrasci-omalley@evergreenfc.com or by regular mail to Brian Ferrasci-O’Malley, Evergreen Funding Consultants, 192 Nickerson Street, Suite 310, Seattle, Washington 98109



Competition finalists will be notified and presentations will be scheduled in early 2008. Winners will present their completed designs to the judges in spring 2008.

For more information, please contact Brian Ferrasci-O'Malley at Evergreen Funding Consultants at (206) 691-0700, bferrasci-omalley@evergreenfc.com or Ken Pritchard at King County at (206) 296-8265, ken.pritchard@metrokc.gov.

