

Project Proposals

Restoration, Acquisition, and Combination (Restoration and Acquisition) Projects

SRFB applicants must respond to the following items. Please respond to each question individually - do not summarize your answers collectively in essay format. Local citizen and technical advisory groups will use this information to evaluate your project. Contact your lead entity for additional information that may be required. Limit your response to eight pages.

Submit information via a PRISM attachment, which is available on the RCO Web site at www.rco.wa.gov/doc_pages/app_materials.shtml#salmon.

NOTE: Acquisition, combination, fish passage, diversions, and screening projects have supplemental questions embedded within this worksheet. Please answer the questions below and all pertinent supplemental questions.

1. Project Overview

- A. Provide a brief summary of the project (note that further elaboration of this summary information is requested in Questions 2 and 3). Be sure to include:
 - i. Location of the project in the watershed, including the name of the water bodies, upper and lower extent of the project (if only a portion of the watershed is targeted), and whether the project occurs in the near-shore, estuary, main stem, tributary, off channel, or other location.
 - ii. Overview of current project site conditions.
 - iii. Description of the proposed project and primary project objectives, such as how this project will contribute to restoring salmonids within the ecosystem.
- B. When possible, list your sources of information by citing specific studies, reports, and other documents.
- C. Has any part of this project been previously reviewed or funded by the SRFB? If yes, please provide the project name and SRFB project number (or year of application if a project number is not available). If the project was

withdrawn or not awarded SRFB funding, please describe how the current proposal differs from the original.

2. Salmon Recovery Context

A. Describe the fish resources present at the site and targeted by this project.

Species	Life History Present (egg, juvenile, adult)	Current Population Trend (decline, stable, rising)	ESA Coverage (Y/N)	Life History Target (egg, juvenile, adult)

B. Describe the nature, source, and extent of the problem that the project will address. Include a detailed description of site conditions and other current and historic factors important to understanding the need for this project. Be specific - avoid general statements. (acquisition, fish passage, diversions, and screening projects should refer to the supplemental questions later in this worksheet for information to include in their problem statement.)

C. Discuss how this project fits within your regional recovery plan or local lead entity strategy to restore or protect salmonid habitat in the watershed (i.e., does the project address a priority action, occur in a priority area, or target priority fish species?).

D. Describe the consequences of not conducting this project at this time. Consider the current level and imminence of risk to habitat in your discussion.

3. When possible, list your sources of information by citing specific studies, reports, and other documents.

4. Project Design

A. Provide a detailed description of the project size, scope, design, and how it will address the problem described in Section 2B. Describe specific

restoration methods and design elements you plan to employ. (Acquisition-only projects need not respond to this question.)

- B. If restoration will occur in phases, explain individual sequencing steps, and which of these steps is included in this application. (Acquisition-only projects need not respond to this question.)
- C. Describe the long-term stewardship and maintenance obligations for the project or acquired land. For acquisition and combination projects, identify any planned use of the property, including upland areas.

5. Project Development

- A. Explain how the project's cost estimates were determined.
- B. Describe other approaches, opportunities, and design alternatives that were considered to achieve the project's objectives.
- C. Have members of the community, recreational user groups, adjacent landowners, or others been contacted about this project? Describe any concerns about the project raised from these contacts and how those concerns were or will be addressed.
- D. Include a Partner Contribution Form (Appendix J), when required, from each partner outlining the partner's role and contribution to the project. State agencies are required to have a local partner that is independently eligible to be a project sponsor. A Partner Contribution Form is recommended, but not required, from partners providing third-party match.
- E. List all landowner name. Include a signed Landowner Acknowledgement Form (Appendix K) from each landowner acknowledging that his or her property is proposed for SRFB funding consideration. If a restoration project covers a large area and encompasses numerous properties, Landowner Acknowledgement Forms are not required. For sponsors proposing work on their own property, this form is not required. For multi-site acquisition projects involving a relatively large group of landowners, include, at a minimum, signed Landowner Acknowledgement Forms for all known priority parcels.
- F. Describe your experience managing this type of project.

6. Tasks and Schedule

List and describe the major tasks and time schedule you will use to complete the project.

7. Constraints and Uncertainties

Each project should include an adaptive management approach that provides for contingency planning. State any constraints, uncertainties, possible problems,

delays, or unanticipated expenses that may hinder completion of the project. Explain how you will address these issues as they arise and their likely impact on the project.

8. Detailed project cost estimate. Please include a detailed project cost estimate and attach in PRISM. Clearly label the attachment in PRISM “Cost Estimate.” This will help the local review process and the SRFB Review Panel better understand the project cost details.

Supplemental Questions

1. Projects involving acquisitions (applies to both acquisition-only and combination projects) answer the following questions
 - A. Information to include in item 2B: Describe the habitat types on site (forested riparian/floodplain, wetlands, tributary, main stem, off-channel, bluff-backed beach, barrier beach, open coastal inlet, estuarine delta, pocket estuary, uplands, etc.), their size in acres, quality, and existing land use. Describe any features that make the site unique.
 - B. Describe the type of acquisition proposed (e.g., fee title, conservation easement).
 - C. State the size of the property to be acquired. Attach a site map in PRISM showing the property boundary, habitat features, easements, roads, and buildings, as appropriate.
 - D. Describe the property’s proximity to publically owned or protected properties in the vicinity. Attach a map in PRISM that illustrates this relationship.
 - E. If uplands are included on the property to be acquired, state their size and explain why they are essential for protecting salmonid habitat.
 - F. State the percentage of the total project area that is intact and fully functioning habitat.
 - G. Explain the degree to which habitat on site is impaired and the nature and extent of required restoration. If the property is in the channel migration zone, is that function intact (i.e., do existing levees, riprap, infrastructure, or other features on this or nearby properties inhibit channel migration)? Describe the likely prioritization, timeframe, and funding sources for proposed restoration activities.
 - H. List existing structures (home, barn, outbuildings, fence) on the property and any proposed modifications. Note: In general, buildings on SRFB-assisted acquisitions must be removed. Refer to Section 2 of this manual for information about ineligible project elements.
 - I. Describe adjacent land uses (upstream, downstream, across stream, upland).

- J. Describe why the acquisition is needed. Explain why federal, state, and local regulations do not provide enough protection. State the zoning and Shoreline Master Plan designation.
- K. If buying the land, explain why the acquisition of conservation easements to extinguish certain development, timber, agricultural, mineral, or water rights will not achieve the goals and objectives of the project.
- L. For multi-site acquisition projects, identify all the possible parcels that will provide similar benefits and certainty of success and provide a clear description of how parcels will be prioritized and how priority parcels will be pursued for acquisition.

2. Fish Passage Projects - Answer the following questions:

NOTE: For fish passage design and evaluation guidance, applicants should refer to the Washington Department of Fish and Wildlife's *Fish Passage Barrier and Surface Water Diversion Screening Assessment and Prioritization Manual* at <http://wdfw.wa.gov/hab/engineer/fishbarr.htm>, and the *Design of Road Culverts for Fish Passage* manual at <http://wdfw.wa.gov/hab/engineer/cm/>. For prioritization questions or technical assistance, contact Dave Collins at Department of Fish and Wildlife at (360) 902-2556 or david.collins@dfw.wa.gov. For engineering design questions or technical assistance, contact Michelle Cramer at (360) 902-2610 or cramemlc@dfw.wa.gov.

- A. Information to include in item 2B: Concisely describe the passage problem (outfall, velocity, slope, etc). Describe the current barrier (age, material, shape, and condition). Is the structure a complete or partial barrier? Describe the amount and quality of habitat to open if the barrier is corrected.
- B. Project Design
 - i. If a culvert is proposed, does it employ a stream simulation, no slope, hydraulic, or other design?
 - ii. Has the project received a Priority Index (PI) Number? If so, provide the PI number and indicate the method used: Physical survey, reduced sample full survey, expanded threshold determination, or Washington Department of Fish and Wildlife generated PI (list source, such as a study or inventory).
 - iii. Identify if there are additional fish passage barriers downstream or upstream of this project.
 - iv. Complete and attach the Barrier Evaluation Form and Correction Analysis Form. These forms are available in Appendix R of this manual and on the RCO Web site at http://www.rco.wa.gov/doc_pages/app_materials.shtml#salmon.

3. Diversions and Screening Projects - Answer the following questions:

NOTE: For questions or technical assistance, contact Pat Schille, Department of Fish and Wildlife at (509) 575-2735 or schilpcs@dfw.wa.gov. Refer to the Washington Department of Fish and Wildlife's *Fish Passage Barrier and Surface Water Diversion Screening Assessment and Prioritization Manual* (August 2000) at <http://wdfw.wa.gov/hab/engineer/fishbarr.htm> for further guidance.

- A. Information to include in item 2B: If the diversion is equipped with a fish screen, provide details of why it is not functioning properly from a fish protection perspective (entrainment or impingement).

- B. Project design
 - i. Has the project received a Screening Priority Index (SPI) number? If yes, provide the SPI and indicate if the Washington Department of Fish and Wildlife developed the SPI.

 - ii. Is this a pump or gravity diversion?

 - iii. What is the flow of the diversion in gallons per minute (gpm)? How was the flow determined (water right; meter - system meter; calculated from irrigation system components, or direct measurement during peak spring/summer diversion using a flow meter)?

 - iv. If it is not possible to determine the flow, then provide the bank-full, cross-sectional area of the ditch, measured 100-300 feet downstream of the point of diversion. Refer to page 25 of the Washington Department of Fish and Wildlife's *Fish Passage Barrier and Screening Assessment and Prioritization Manual* for instructions on how to collect this information.

 - v. How much water, if any, will be saved as a result of this project? Will water be put into trust, or are there plans to transfer water rights?