

**Cowlitz Restoration and Recovery (CRR) Program Restoration, Acquisition, and Combination
Project Proposal**

Only complete this form if you are not applying for Salmon Recovery Funding Board (SRFB) funds to support your CRR proposal.

This document is intended to capture some information typically included PRISM to facilitate review for CRR projects that are not seeking SFRB funds. Applicants should complete the information below and be consistent with other application details where information is repeated.

Project Name	
Project Contact	
Sponsoring Organization	
LCFRB Project Number	<i>Staff will provide a project number once application is submitted.</i>

- 1. Worksite Details:** *Worksite details should align with submitted project maps. Actions include assessment, design, restoration, and acquisition.*

Worksite Name	Worksite Actions	Worksite Address	Site Access Directions

- 2. List all related projects previously funded or reviewed related to this proposal:**

Project # and/or Name	Funding Program	Status	Status of Prior Phase Deliverables and Relationship to Current Proposal?
		Choose a status	
		Choose a status	
		Choose a status	

- 3. If previous project was not funded by the CRR or another program, describe how the current proposal differs from the original.**

*Please respond to each question individually. Do not summarize answers collectively in essay format. Local citizen and technical advisory groups will use this information to evaluate your project. **Limit responses to the following questions to ten pages (single-sided), excluding supplemental questions.** The italicized portion of the questions and inapplicable supplemental questions can be deleted to shorten the proposal document.*

- 4. Project brief.** Please provide a brief project summary addressing the following: type and location of project (acquisition, restoration, combination); overall goal(s) to be achieved; focal species and limiting factors being addressed; and, what work will be accomplished.

5. **Project location.** Describe the geographic location, water bodies, and the location of the project in the watershed, i.e. riparian, tributary, main stem, off-channel, etc. Reference attached maps where applicable. Reference the [Upper Cowlitz-Cispus Habitat Strategy](#) landscape unit(s) and, if available, habitat actions, the project is located in.
6. **Problem statement.** What are the habitat and fish life cycle problems your project seeks to address? Include the source and scale of each problem. Describe the site, reach, and watershed conditions. Describe how those conditions impact salmon populations. Include current and historic factors important to understand the problems.
7. **List 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)

8. **Describe the habitat limiting factors, and limiting life stages (by fish species) that your project expects to address.**
9. **Project goals and objectives.** Objectives should be specific, quantifiable actions the project will complete to achieve the stated goal. Each objective should be “SMART:” Specific, Measurable, Achievable, Relevant, and Time-bound. The SRFB describes goals and objectives for habitat projects, and includes examples of these online: <https://rco.wa.gov/wp-content/uploads/2020/02/SRFB-Goals-and-Objectives-Examples.docx>
 - a. **What are the project’s goals?** The goal of the project should be to remedy identified problems, ideally by addressing the root causes. Clearly state the desired biological outcomes (the vision for desired future condition). The statement should also include which species and life stages will benefit from those outcomes and the time of year (if pertinent) those benefits will be realized (e.g., will high flow refuge be available when juveniles are outmigrating or rearing in the project area?).
 - b. **What are the project’s objectives?** Objectives support and refine biological goals, breaking them down into smaller steps.
 - c. **What are the assumptions and constraints that could impact whether you achieve your objectives?** Assumptions and constraints are external conditions that are not under the direct control of the project, but directly impact the outcome of the project. These may include subsequent availability of funding, public acceptance of the project, land use constraints, geomorphic factors, additional expenses, delays, etc. How will you address these issues if they arise?

10. Project details. Please answer the questions below and all pertinent supplemental questions at the end of the application form.

a. Provide a scope of work and detailed list of project deliverables. Provide a detailed description of the proposed project tasks and how they will lead to the objectives in the following table. For each task, include who will be responsible for each, what the project deliverables will be, and a schedule for accomplishing them. Note that restoration and acquisition proposals should be scoped to be accomplished in a 3 year contract.

Task #	Task Description	Responsible Parties	Task Deliverables	Schedule

b. Describe the design or acquisition alternatives considered to achieve the project’s objectives. Why did the sponsor choose the preferred alternative?

c. Describe the design or acquisition alternatives considered to achieve the project’s objectives. Why did the sponsor choose the preferred alternative?

d. How have lessons learned from completed projects or monitoring studies informed this project? Sources of results may be from [Project Scale Effectiveness Monitoring report](#) from the SRFB, individual sponsors, lessons learned from previously implemented projects, Intensively Monitored Watershed results, or other sources.

e. Explain how you determined cost estimates.

f. 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.

11. Explain why it is important to do this project now instead of later. (Consider its sequence relative to other needs in the watershed and the current level and imminence of risk to habitat).

12. If the project is a part of a larger overall project or strategy, describe the goal of the overall strategy, explain individual sequencing steps, and which of these steps is included in this application for funding. Attach a map to the application that illustrates how this project fits into the overall strategy, if relevant.

- 13. Describe your experience managing this type of project.** *Please describe other projects where the sponsor successfully used a similar approach.*

- 14. List all landowner names.** *If the project will occur on land not owned by the organization, attach a CRR Landowner Acknowledgement Form to the application from each landowner acknowledging that their property is proposed for CRR funding consideration. Multi-site acquisition projects need only attach a Landowner Acknowledgement Form for priority parcels.*

- 15. List project partners and their role and contribution to the project.** Attach a Partner Contribution Form (Manual 18, Appendix G) from each partner to the application. Refer to Manual 18, Section 3 for when this is required.

- 16. Stakeholder outreach.** *Discuss whether this project has any opposition or barriers to completion, besides funding. Describe the sponsor's public outreach and feedback received. Are there any public safety concerns with the project? How will the sponsor address those concerns?*

- 17. Does your project address or accommodate the effects of climate change?**
 - a. How will your project be climate resilient to future conditions?**

 - b. How will your project increase habitat and species adaptability to climate change?**

SUPPLEMENTAL QUESTIONS

Responses to these are not included in the ten-page proposal limit.

Restoration Project Supplemental Questions

Answer the following supplemental questions if submitting a project that includes restoration elements:

- A. Will the sponsor complete, or already completed, a preliminary design, final design, and design report (per RCO Manual 18, Appendix D guidelines) before construction?**
Choose an answer
- i. If no, please describe the design process and list all pre-construction deliverables submitted to CRR for review. Including riparian planting plans.*
- B. Will a licensed professional engineer design the project?**
Choose an answer
- i. If not, please describe the qualifications of the design team.*
- C. If this project includes measures to stabilize an eroding stream bank, explain why bank stabilization there is necessary to accomplish habitat recovery, and it will result in restoration of watershed processes.**
- D. Describe the steps the sponsor will take to minimize the introduction and spread of invasive species during construction and restoration. Specifically consider how the sponsor will use uninfested materials and clean equipment entering and leaving the project area.**

Acquisition Project Supplemental Questions

Answer the following supplemental questions if submitting a project that includes acquisition elements.

- a. List type (fee title or conservation easement) and acreage of acquisitions proposed.**
- b. Does the sponsor hold an option or purchase and sale agreement for the property?**
- c. Describe onsite and adjacent land uses.** *Describe the property's proximity to publically owned or protected properties in the vicinity. Attach a map to the application that illustrates this relationship.*
- d. If uplands are included on the property, state their size and explain why they are essential for protecting salmonid habitat.**
- e. What percentage of the total project area is intact and fully functioning habitat?**
- f. Is the site in need of restoration that is not part of this grant application?** *If yes, describe the restoration need and planned timeframe for implementation.*
- g. List structures (home, barn, outbuildings, fence, levees, bank armoring, or other infrastructure) on the property and any proposed modifications.** *If possible, please attach a map showing these structures.*
- h. Describe the long-term stewardship and maintenance obligations for the acquired property.** *Identify any planned use of the property, including upland areas. If answered above, please skip.*
- i. Describe the following for the project site:**
 - i. Zoning/land use**
 - ii. Shoreline Master Plan designation**
 - iii. Portion of site within 100-year floodplain**
 - iv. Portion of site within designated floodway**
- j. Explain why federal, state, and local regulations are insufficient to protect the property from degradation.**
- k. For acquisition projects intending to purchase multiple properties within an area, identify the target parcels and how the sponsor will prioritize the parcels.**

Fish Passage Project Supplemental Questions

Answer the following supplemental questions if submitting a project that includes fish passage elements.

NOTE: For fish passage design and evaluation guidance, applicants should refer to the Washington Department of Fish and Wildlife's [Fish Passage Inventory, Assessment, and Prioritization Manual, Incorporating Climate Change into the Design of Water Crossing Structures \(2017\)](#), and the [Water Crossing Design Guidelines](#) (2013) For engineering design questions or technical assistance, contact Department of Fish and Wildlife at (360) 902-2547 or visit <https://wdfw.wa.gov/species-habitats/habitat-recovery/fish-passage/about>. To schedule fish passage and diversion inventory and assessment training, contact Department of Fish and Wildlife at (360) 902-2405 or visit <https://wdfw.wa.gov/species-habitats/habitat-recovery/fish-passage/assessment>.

- a. **Describe the passage problem (outfall, velocity, slope, etc.)**
- b. **Describe the current barrier (age, material, shape, and condition).**
- c. **Is the current barrier a complete or partial barrier? If partial, what is the estimated percent passable and seasonality of passability?**
- d. **If a culvert or arch is proposed, does it employ a stream simulation, no slope, hydraulic, or other design?**
- e. **Describe the amount and quality of habitat made accessible if the barrier is corrected. Has the project received a Priority Index (PI) number? If so, provide the PI number and describe how it was generated: 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).**
- f. **Identify if there are additional fish passage barriers downstream or upstream of this project.**
- g. **Engineering licensing requirement. Will a licensed professional engineer design the project? Choose an answer**
 - i. *If not, please describe the qualifications of the design team.*