Chehalis Basin Lead Entity

www.chehalisleadentity.org

2019 SRFB Application Workshop
So you want to help salmon..Great!
This presentation aims to help you develop a project that...

• Helps Salmon
• Meets the Goals for Salmon Restoration and Preservation in the Chehalis
• Supports Local Values
Project Development – Where to develop a project?
Checklist – *Should I develop this project idea further?*

- Benefits one or more salmonid species at multiple or critical life-stages
- Addresses a threat to salmon recovery
- Addresses a process-based impairment
- Addresses Tier 1 or Tier 2 concern as listed in the Lead Entity Strategy
Once you’re ready to write a proposal...

• Here is some guidance on the harder-to-answer questions in the SRFB “Salmon Proposal” application form...
Problem Statement
– why do the project?

• Focus on benefits to fish
  • Don’t say the landowner wanted a new bridge
  • Don’t say the culvert gets clogged
  • Don’t say someone gave you money to come up with the idea
• What are the benefits to fish?
I need a functioning ecosystem....
Fish Resources

• How to answer the question: “Is the population declining, stable, or rising?”
  • WDFW data: Look at stock reports available on “Score” - https://fortress.wa.gov/dfw/score/score/maps/map_wria.jsp
  • WDFW Region 6 &... fish-biologist assessment
  • Other sources?

• Don’t list Resident Cutthroat as a species benefiting. We don’t count those.
Life Stages

- When in its lifecycle does each species use your project site?
- Does that life stage actually benefit from your project?
Now let’s think about processes...
What process does your project improve?

- Hydrology
- Sediment supply
- Organic matter inputs
- Nutrient inputs
- Heat input
- Fish passage
- Wood recruitment
- Floodplain function

*Hot Hint: The Goal of your project needs to be to address an impaired process*
Limiting Factors

• Is the issue your project addresses a “Tier 1” or “Tier 2” concern in the subbasin?
• This information is provided in this document ➔
• Cite EDT results if desired
<table>
<thead>
<tr>
<th>Sub-Basin</th>
<th>Tier 1 Concern</th>
<th>Tier 2 Concern</th>
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</thead>
<tbody>
<tr>
<td>Black River</td>
<td>Water Quality Riparian Water Quantity</td>
<td>Large Woody Debris Fish Passage</td>
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<tr>
<td>Boistfort</td>
<td>Fish Passage Sediment Riparian</td>
<td>Large Woody Debris Water Quality</td>
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<tr>
<td>Chehalis Mainstem</td>
<td>Riparian Sediment Fish Passage</td>
<td>Large Woody Debris Water Quality</td>
</tr>
<tr>
<td>Cloquallum</td>
<td>Fish Passage Riparian Water Quality</td>
<td>Floodplain Sediment</td>
</tr>
<tr>
<td>Grays Harbor Estuary Management Unit</td>
<td>Water Quality Total Estuary Habitat Loss</td>
<td>Exotic Species Sediment Tributary Connectivity/Surge P.</td>
</tr>
<tr>
<td>Hoquiam</td>
<td>Water Quality Fish Passage Riparian</td>
<td>Floodplain Sediment</td>
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Goals and Objectives

- Think outside the project box!
• **Goal:** “Achieve biological outcome ________ by remedying observed problem_________”

Process that is impaired (what is the root cause of the impairment? Will you address it?)

Life stage you are going to help/ at what time of year?
Objectives

Help _________ through ____________ over ________.

What is the action you will take?

Link this to the goal. What life stage are you going to help, or process are you going to improve?

A number! Area treated, miles opened up, landowners engaged, time period, etc.
**Scope of Work**

- Points given for clear, feasible scopes and schedules
- Provide a table*
- Mention permitting schedule
  - If you don’t know the details, list what permits you will apply for and when you plan to apply for them

* Deliverables | Time | Who Does It?
--- | --- | ---

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Assumptions and Constraints

• You are applying for a grant so it is obvious you need money. Don’t say getting this grant is your main constraint.

• What else could happen that would keep your project from being successful? E.g:
  • Invasion by invasive species
  • Landowner changes mind and denies access
  • Partners drop responsibilities
  • Maintenance doesn’t occur and plantings die
  • And yes, $: Is your source of match secure?
Partnerships

- Include partnerships in implementation - E.G. - Provide technical support, advice, help with construction, etc.

- The following leads to high points in our ranking system: “The project has documented multiple partners (3+) that understand their commitments throughout the life of the project and beyond.”
Focus - Barriers

- What is the barrier’s rank on the WRIA 22 & 23 list?
  - Rank on County lists not used in evaluation
- What is it’s PI? (if available)
- What is the % passability?
- What is the distance opened to the next upstream barrier?
  - None (0) if there is a downstream barrier
- Include barrier evaluation forms, if available
Additional components of a “Stand-Out” proposal

- Document scientific studies that point to need for project
- Use best available science to guide project development
- Address climate change adaptation
Supplemental Questions

_The Chehalis is a special place!_
You will need to address these questions on a separate form in order
to provide information to the Chehalis Basin Lead Entity.

Enter form as attachment type “Application Document”
Synergies

• Is there a near-by project that helps your project achieve greater benefits than if yours happened alone?

• Example nearby projects – RMAP, NRCS, FFFPP culverts, projects by other agencies...nearby land acquisitions by land trusts, monitoring that may help assess impacts of this project, etc.

• Projects completed within last (5) years – or part of simultaneous proposal

• Provide a map of the near-by projects
Community - Supplemental

- **Landowner**

  - Proposal acknowledges that landowners are informed of the risks associated with the project and are supportive of the proposal
  - Document evidence that there is permission to move forward (signed willingness form, or similar)
Education & Outreach

• Be specific and detailed about any education components of your project, including:
  • Long-term education outreach program
  • Marketing (signs, social media)
  • Technology (video, web, distance learning),
  • On-site activities (hands-on activities, field trips, skill building)
  • Learning activities (citizen science, project-based learning, outdoor class rooms, landowner demonstration)
Community - Supplemental

Volunteer Labor

- High points if: “The project uses a large pool of volunteer labor from multiple age and socio-economic groups for monitoring and key construction components”
- Example of volunteers:
  - Grays Harbor Stream Team
  - Centralia Stream Team
  - Grays Harbor College Fish Lab
  - Boys & Girls Club
  - School Groups
Local Support

- Agriculture, recreational, tribal, etc.
- Needs to be documented to receive full points, e.g:
  - Page reference from a local plan
  - Letter of Support
- Are the adjacent landowners on board as well as the directly impacted landowners?
- Are there any concerns in the surrounding community?
Community - Supplemental

• Examples of Local Support, cont…
  • Support by agricultural and recreation communities?
  • Generates economic benefits?
  • Increased public safety, decreased risk of property damage or improvements to physical infrastructure?

• If there is hesitation or concern – note this in your answer

• Answer this questions with more than just: “the project will help salmon, and salmon are culturally important to tribes and economically important to commercial fisherman…”
• See RCO Application Webinar Slides for more details on getting your application ready:
• https://www.youtube.com/watch?v=O2Nxpp65AUg&feature=youtu.be