

Briefing – Manual 22 Updates

August 15, 2023, Board Meeting



BRIAN ABBOTT
FISH BARRIER
REMOVAL BOARD



Buford Creek, photo credit NPT

Proposed 2023-25 Grant Round Schedule

Date	Task	Description
<u>October 5, 2023</u>	Application Workshop	RCO and Washington Department of Fish and Wildlife (WDFW) conduct application workshop.
<u>October 2, 2023</u>	PRISM Open for Applications	PRISM Online accepts applications for 2023-2025 biennium grants.
January 18, 2024	Applications Due	Submit complete applications in PRISM.
January-April 2024	RCO and WDFW Review Applications	RCO reviews applications for eligibility and completeness. WDFW conducts on-site reviews of barriers. Applicants may be asked to update applications during this review period. Applicants may request applications be returned for editing.
May 2, 2024	Final Application Revision Deadline	Applicants submit final applications addressing WDFW and RCO comments. Applications cannot be changed after this date.
May 3 to August 2024	WDFW Scores Complete Applications	WDFW scores, ranks, and recommends projects for funding to the Brian Abbott Fish Barrier Removal Board (FBRB). Ranking will be complete before the August board meeting.
August 2024	FBRB Approves List of Prioritized Project	At its August meeting , the FBRB approves a list of prioritized projects to forward to the Legislature for funding consideration in the 2025-2027 biennium.
TBD in 2025	Grants Awarded	Funding dependent on approval of the state capital budget approval. Grants available July 1, 2025.

Board Decision: Approve grant round schedule



Cougar Creek, photo credits ACCD

Manual 22 – Summary of Administrative Updates

- Provide clarity and additional detail
- Changes to schedule, evaluation and scoring, and project match
- Consolidated Appendix C (Design Deliverables)
- Special project conditions
 - Design review and approval
 - Application review ≠ BAFBRB TRT design approval
- Preferred geomorphic approach

Geomorphic approach

The FBRB prioritizes projects that are designed to support natural stream processes and stream structure, often referred to as a geomorphic approach. The Water Crossing Design Guidelines promote the geomorphic approach and provides practical, real-world knowledge and techniques to improve the overall success of water crossings.

These guidelines do not replace regulatory requirements, though they are designed in part as technical guidance. The FBRB prefers fish barriers to be corrected using three different methodologies listed below in order of preference:

- 1. Abandonment*
- 2. A bridge*
- 3. A stream simulation culvert*

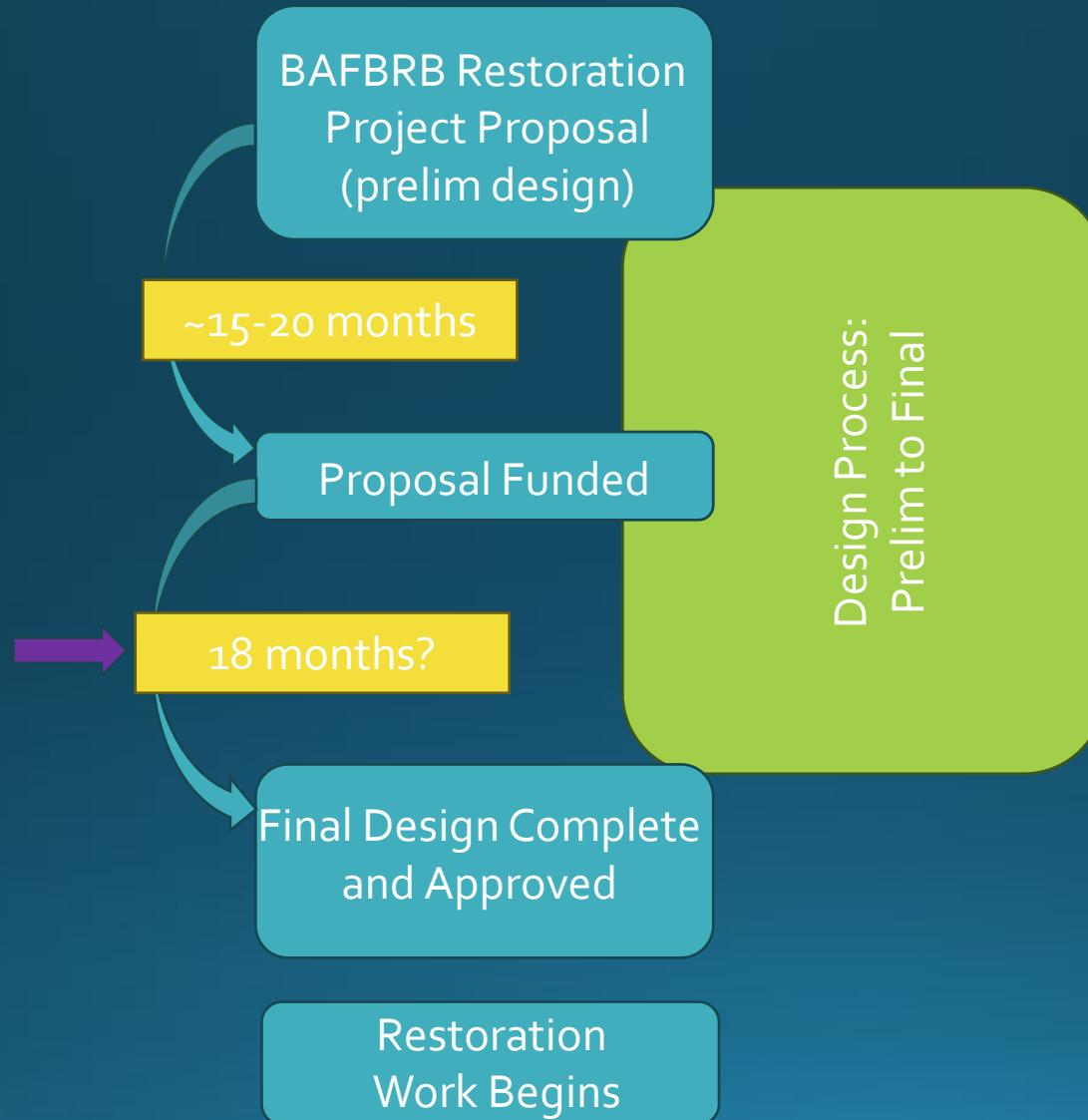
Manual 22 – Potential Policy Change

Section 2: Application Information

- Eligible Project Types
 - Restoration Projects

...If the applicant has an active design project funded through the FBRB at the time of application for a restoration project, they must remain on track to finish final designs for the proposed restoration project scope within 18 months of the restoration funding grant date to remain eligible for FBRB funds...

The Issue: Readiness to Proceed



Potential Options for Board Consideration

1. No policy change

- Staff bring forth projects on a case-by-case basis

2. Projects might not be eligible to proceed

- Projects will be brought to the Board at the appropriate time and would require Board decision to proceed.

3. Projects will not be eligible to proceed

- If a project does not meet the design timeline, to finish final designs for the proposed restoration project scope within 18 months of the restoration funding grant, the project will not be eligible to proceed.

2025-2027 FBRB Grant Round Proposed Evaluation Criteria

Christy Rains, FBRB Program Manager
& Fish Passage Scoping Section Manager
Habitat Program



2023-2025 Evaluation Criteria

Staff-scored Criteria

- Accessibility Weighted Habitat
- SRKW & Chinook Stocks
- Barriers downstream
- FBRB Priority Watershed
- Miles made accessible
- Passability of existing structure
- Anadromous species benefited

Team-scored Criteria

- Contribute to Recovery Plan
- In-stream & Riparian Habitat
- Project Design
- Climate Change
- Cost-Benefit
- Sponsor Experience
- Project Readiness
- Geographic Coordination
- Linear Coordination



2025-2027 Proposed Evaluation Criteria

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2025-2027 Proposed Evaluation Criteria

Staff-scored Criteria

- ~~• Accessibility Weighted Habitat~~
- SRKW & Chinook Stocks
- Barriers downstream
- FBRB Priority Watershed
- Miles made accessible
- Passability of existing structure
- Anadromous species benefited
- **Quality Habitat Assessment**

Team-scored Criteria

- Contribute to Recovery Plan
- ~~• In-stream & Riparian Habitat~~
- Project Design
- Climate Change
- Cost-Benefit
- ~~• Sponsor Experience~~
- Project Readiness
- Geographic Coordination
- Linear Coordination



Point Comparison to Previous Round

Question (2025-27)	2023-25 points	2025-27 points	Evaluation Topic
#9	10	25	Quality Habitat Assessment score
#10	8	8	Chinook SRKW stocks
#11	10	10	Downstream barriers
#12	20	20	Priority Watershed
#13	15	15	Miles made accessible
#14	10	10	Barrier passability
#15	7	7	ESU species
#16	10	10	Recovery Region or Lead entity workplan/list/prioritization
#17	10	20	Project design
#18	5	5	Climate change
#19	10	12	Cost-effective
#20	20	18	Project readiness
#21	15	15	Geographic coordination
#22	5	5	Organizational coordination
	10		Accessibility Weighted Habitat, now QHA
	20		Riparian and instream habitat, now QHA
	5		Sponsor experience
Total pts	180	180	



Point Comparison to Previous Round

Question (25-27)	23-25 points	25-27 points	Evaluation Topic	
#9		25	Quality Habitat Assessment score	New, see below
#10	8	8	Chinook SRKW stocks	
#11	10	10	Downstream barriers	
#12	20	20	Priority Watershed	
#13	15	15	Miles made accessible	
#14	10	10	Barrier passability	
#15	7	7	ESU species	
#16	10	10	Recovery Region or Lead entity workplan/list/prioritization	
#17	10	20	Project design	
#18	5	5	Climate change	
#19	10	12	Cost-effective	
#20	20	18	Project readiness	
#21	15	15	Geographic coordination	
#22	5	5	Organizational coordination	
	10		Accessibility Weighted Habitat, now QHA	Deleted & Replaced
	20		Riparian and instream habitat, now QHA	Deleted & Replaced
	5		Sponsor experience	Deleted
Total pts	180	180		



Point Comparison to Previous Round

Question (25-27)	23-25 points	25-27 points	Evaluation Topic
#9		25	Quality Habitat Assessment score
#10	8	8	Chinook SRKW stocks
#11	10	10	Downstream barriers
#12	20	20	Priority Watershed
#13	15	15	Miles made accessible
#14	10	10	Barrier passability
#15	7	7	ESU species
#16	10	10	Recovery Region or Lead entity workplan/list/prioritization
#17	10	20	Project design
#18	5	5	Climate change
#19	10	12	Cost-effective
#20	20	18	Project readiness
#21	15	15	Geographic coordination
#22	5	5	Organizational coordination
	10		Accessibility Weighted Habitat, now QHA
	20		Riparian and instream habitat, now QHA
	5		Sponsor experience
Total pts	180	180	



Detail @ Changes to Questions from last round

	Evaluation Category	2025-27
#9	Quality Habitat Assessment (QHA) score	Replaces Accessibility Weighted Habitat
#10	Chinook SRKW stocks	no change
#11	Downstream barriers	no change
#12	Priority Watershed	clarification only
#13	Miles made accessible	no change
#14	Barrier passability	no change
#15	ESU species	no change
#16	Recovery Region or Lead entity workplan/list/prioritization	clarification only
#17	Project design	more broad, increased score
#18	Climate change	clarification only
#19	Cost-effective	clarification only
#20	Project readiness	clarification only
#21	Geographic coordination	clarification only
#22	Organizational coordination	clarification only
	Accessibility Weighted Habitat, now QHA	deleted
	Riparian and instream habitat, now QHA	deleted
	Sponsor experience	deleted



Project Design ?

- Increase from 10 to 20 points
- Previous challenges:
 - Hard to score without scoping the site
 - Scoring on project design \neq review and design approval
 - Not equitable among project types: Planning vs Restoration
- What is their basic plan and are they headed in the right direction?
- Understand guidelines, requirements & FBRB preferences?



Quality Habitat Assessment (QHA)

- Two related questions from last round were replaced by QHA
 1. Accessibility Weighted Habitat (AWH)
 2. Existing in-stream and riparian condition
- The QHA is a more informed metric derived from accounting for both the length of accessible habitat (AWH) and the quality of that habitat
- A habitat quality modifier is derived from scoring the following from habitat surveys: **1)** riparian composition, **2)** habitat complexity, **3)** canopy cover, **4)** spawning gravel/fines, and **5)** hydraulic alteration
- Invest a lot of effort into doing the QHA fieldwork.
- It's a standardized metric across all projects, and more equitable.



Thank you to the current team!

TRT FBRB Bios:

- Dave Collins
- Julie Grobelny
- Casey Costello
- Amber Martens
- Joel Ingram
- Dan Coffman

RCO Grants Managers:

- John Foltz
- Alice Rubin



Questions?

Thank you!



Qualitative Habitat Assessment Cheat Sheet

Riparian Composition					
Contiguous natural veg. across entire floodplain. Diverse riparian community with multiple age classes.	Natural plant community with 15 m + buffer around stream. Adjust according to riparian spp. diversity and age diversity.	Small natural veg. buffer (<15 m). Surrounding landscape is mosaic of natural and disturbed habitat.	Mosaic of natural and disturbed landscape abuts stream. Natural veg. buffer not typically present. If natural veg. buffer is present – characterized by frequent or large gaps.	Sparse or patchy native veg. abuts stream. High proportion of introduced spp. Small veg. buffer may be present, but characterized by introduced spp.	No native veg. present abutting streambed. Small patchy veg. buffers may be present, but characterized by introduced spp.
10	9 - 8	7 - 6	5 - 4	3-2	1-0

Fish Habitat Complexity / Instream Cover - in 100 m segment per reach

Tier 1: Large woody material (>2 m long, 20 cm diam); Deep pool with cover; Undercut bank; Root wad; Off-channel refuge habitat

Tier 2: Overhanging veg.; Sm. wood accumulations; Lg. boulders w/ scour depression; Sm. boulder cluster w/ scour depression; Macrophyte cover - two tier 2 features can be substituted for on tier 1 feature.

Very high instream cover (~>20 habitat features)	High instream cover (~16-20 habitat features)	Medium instream cover (~10-16 habitat features)	Low instream cover (~5-10 fish habitat features)	Very low instream cover (~<5 fish habitat features)
10 - 9	8 - 7	6 - 5	4 - 3	2 - 0



Canopy Cover			
>75% water surface shaded	50-75% water surface shaded	20-50% water surface shaded	<20% water surface shaded
10 – 9	8 – 6	5 – 3	2 - 0

Fines within Spawning Gravel Patches			
≤ 16% embedded fines. Stable gravel patches	>16-21% embedded fines. Some signs of patch instability.	>21-26% embedded fines. High spawning patch instability.	≥26% embedded fines or no spawning gravel patches.
10 – 9	8 – 6	5 – 3	2 - 0

Hydraulic Alteration			
No water control structures. No development in floodplain. Natural flow regime (BF flow every 1-2 yrs)	Some development in floodplain. Slightly altered hydraulic conditions. Small water withdrawals in stream. Modest runoff input.	Heavier development in floodplain. Infrastructure alters flow regime. Moderate likelihood of flashy runoff.	Heavily developed floodplain. Stream water withdrawals regularly dewater channel. High likelihood of flashy runoff discharged directly into stream.
10 – 9	8 – 6	5 – 3	2 - 0

Comment on water quality observations. Take note of: high water turbidity (and whether there has been a recent storm event), high metal or oil contamination, livestock access and presence of livestock affluent, abundant algal growth, anthropogenic waste.



Appendix B:

Evaluation Questions

FBRB applications will be scored and ranked from highest to lowest based on the criteria listed below. Each application's final score is a combination of points earned between the staff- and team-scored criteria.

Staff-Scored Criteria

The following items may be reviewed by the applicant on the Staff Scores page of the PRISM application. On this page, the applicant may provide feedback if it appears that the item was assigned an incorrect score. Staff will review the comments and determine whether or not the score should be changed.

Accessibility Weighted Habitat	
10 points possible	
Top 10%	10 points
Top 11-20%	9 points
Top 21-30%, etc.	8 points, etc.
Are any Chinook stocks present important to Southern Resident killer whales? (Southern Resident Killer Whale Priority Chinook Stocks Report (noaa.gov))	
8 points possible	
Chinook are present and are important to Southern Residents	8 points
Chinook are present but are not known to be important to Southern Residents	5 points
Chinook are not present	0 points
Are there barriers downstream of the proposed project?	
10 points possible	
No downstream barriers	10 points
Single downstream partial barrier (67% or 33% passability)	5 points
More than 1 downstream partial barrier (67% or 33% passability)	0 points

Does the proposed project occur in a designated FBRB Priority Watershed?	
20 points possible	
Project is ranked Number 1 in a statewide approved priority watershed	20 points
Project is ranked Number 2 in a statewide approved priority watershed	10 points
Project is in a statewide approved priority watershed	5 points
Project is not in a statewide approved priority watershed	0 Points
How many miles of anadromous salmonid habitat will be made accessible upstream of the targeted fish passage barrier?	
15 points possible (Calculated as upstream miles to first barrier (partial or full))	
0.00-0.24 miles	1 point
0.25-0.49 miles	2 points
0.50-0.74 miles	3 points
0.75-0.99 miles	4 points
1.00-1.24 miles	5 points
1.24-1.49 miles	6 points
1.50-1.74 miles	7 points
1.74-1.99 miles	8 points
2.00-2.99 miles	9 points
3.00-3.99 miles	10 points
4.00-4.99 miles	11 points
5.00-5.99 miles	12 points
6.00-7.99 miles	13 points
8.00-10.99 miles	14 points
≥ 11.00 miles	15 points
What is the passability of the existing fish passage barrier?	
10 points possible	
0% passability	10 points
33% passability	7 points
67% passability	3 points
Unknown passability (applicant must demonstrate that structure is a barrier)	1 point
For targeted Evolutionary Significant Unit (ESU) species identified to benefit from this project, is presence documented or presumed? (Please identify source of information)	
7 points possible	
Chinook	2 points
Sockeye	1 point
Pink	1 point
Coho	1 point
Steelhead	1 point
Chum	1 point

Team-Scored Criteria

The following questions are answered by the applicant on the Evaluation Criteria page of the PRISM application. Answers to these questions will be reviewed and scored by the WDFW TRT. Applicants should provide clear and complete answers to earn the maximum points possible. Questions will be scored after the final application revision due date.

How does the proposed project contribute to an approved recovery plan? Please note whether it is included in a lead entity’s work plan or Planned Project Forecast list and provide a letter of support from the local Lead Entity if possible.	
10 points possible	
Specifically called out in lead entity work plan or Planned Project Forecast list	10 points
Specifically called out in another non-ESA salmon recovery related plan (e.g. local planning)	4 points
Project located in a watershed where fish passage is an identified priority in a Lead Entity approved plan	2 points
Describe the existing in-stream and riparian habitat condition at the project location as well as downstream and upstream of the project and list expected changes to this condition post-project (describe land use if instream conditions are unknown). Discuss factors related to water quality improvements, access to/creation of viable rearing resources (i.e. prey production/abundance, cover habitat, water temperature), access to suitable spawning gravels, and/or cold water refugia.	
20 points possible	
Two points per beneficial condition. Examples of things that could receive points: Riparian and thermal cover present, beneficial substrates present, instream cover and refugia present, habitat complexity, channel sinuosity, large wood present.	0-20 points
The following questions relate to the project design.	
<ul style="list-style-type: none"> • How does the project design meet WDFW’s Water Crossing Design Guidelines? • Will abandonment of the water crossing be considered? Explain answer. • Will realignment of the road approach and barrier correction be considered to address site constraints of the barrier correction? Explain answer. 	
10 points possible	
Described how project will meet Water Crossing Design Guidance	0-5 points
Proposed project is abandoning a crossing	5 points
Proposed project is realigning to provide full-span structure	3 points
Addressed abandonment/realignment but not appropriate/possible	1 point

Describe how the project addresses the anticipated effects of climate change by answering the following:	
<ul style="list-style-type: none"> • How will your project be climate resilient given future conditions? • How will your project increase habitat and species adaptability? 	
5 points possible	
Described how project addresses future climate change and adaptability	0-5 points
Describe how the project is cost-effective in terms of cost and biological benefit.	
10 points possible	
Provided project budget is reasonable	2 points
Low cost relative to predicted benefits	4 points
Sponsor has clearly leveraged available resources to reduce costs and maximize benefits.	4 points
Describe the sponsor's experience managing this type of project and other projects where the sponsor has successfully used a similar approach.	
5 points possible	
Experienced sponsor with multiple successfully completed restoration projects	5 points
Sponsor with at least one successfully completed restoration project	3 points
New sponsor	1 point
Describe the level of readiness of the proposed project.	
20 points possible	
Landowner willingness	2 points
Completed conceptual or preliminary designs that meet <i>Water Crossing Design Guidelines (WCDG)</i> as verified by TRT.	2 points
Active permit applications or well laid out permit schedule (cultural resources, Corps permits, FPA/HPA, ESA consultation, etc.)	4 points
Resource commitments identified (match)	2 points
Additional points possible for restoration projects (i.e., construction)	5 points
60% to Final Designs	5 points
Permits in hand	
Geographic coordination: Briefly describe other barrier correction or fish habitat restoration projects which have occurred since 2010 or are funded for implementation by 2025. Provide maps:	
<ul style="list-style-type: none"> • On the same stream as the proposed project. • Within the same HUC-12 watershed as the proposed project. (See WA HUC watershed layer on DFW barrier mapping tool Washington State Fish Passage) 	
15 points possible	
Two points for each project on the same stream up to 10 points	0-10 points
One point for each project within the same HUC-12 up to 5 points	0-5 points

Organizational coordination: Does your project coordinate with another fish passage project in this watershed by sharing development, funding, or other activities?	
5 points possible	
Yes, to one or more of the above	5 points
Yes, to one of the above	3 points
No	0 points
Does the proposed project occur in a designated FBRB Priority Watershed?	
20 points possible	
Project is ranked number 1 in a statewide approved priority watershed	20 points
Project is ranked number 2 in a statewide approved priority watershed	10 points
Project is located in a statewide approved priority watershed	5 points
Project is not in a statewide approved priority watershed	0 Points

Brian Abbott Fish Barrier Removal Board

2025 - 2027 Grant Program

DRAFT Proposal Scoring Criteria - 180 points possible



Question 1: Is the targeted structure federally owned? (Automatic Eligibility Question)	
Not scored	
Question 2: Is any part of the scope of work included in this application required as mitigation for another project or action or court injunction? E.g. FERC relicensing, Habitat Conservation Plan, legal settlement, culvert injunction, etc. (Automatic Eligibility Question)	
Not scored	
Question 3: Are there total barriers to fish passage downstream of the proposed project? (Automatic Eligibility Question)	
Not scored	
Question 4: Are there anadromous species that currently or historically use the stream where this project is proposed to occur? (Automatic Eligibility Question)	
Not scored	
Question 5: Project description.	
Not scored	
Question 6: Does the proposed fish passage barrier have a FPDSI Site ID?	
Not scored	
Question 7: When was the last barrier evaluation and downstream check conducted for the proposed barrier correction worksite(s)? Please provide an overview of the barrier evaluation and downstream check results (for example: The culvert was evaluated in 2014 and determined to be a 33% passable slope barrier. There are no barriers downstream.)	
Not scored	
Question 8: Do you have final designs? If yes, were they developed through a FBRB Planning grant and have they been approved by the TRT Fish Passage Biologist (identify who you worked with)? If not, what level of design is the project?	
Not scored	
Question 9: Quality Habitat Assessment: To be scored by TRT	
25 points possible	
Points assigned via normalized ranking of habitat gains. Top 10% of projects	25 points
11-20% of projects	22 points
21-30% of projects	19 points
31%-40% of projects	16 points
41%-50% of projects	13 points
51%-60% of projects	10 points
61%-70% of projects	8 points
71%-80% of projects	6 points
81%-90% of projects	4 points
91%-100% of projects	2 points

Question 10: If Chinook are present are the stocks important to Southern Resident Killer Whales (SRKW)? ([Source info NOAA paper](#))

8 points possible

Chinook are present, run is important to SRKW	8 points
Chinook are present, but run is not known to be important to SRKW	5 points
Chinook are not present	0 points

Question 11: Are there barriers downstream of the proposed project?

10 points possible

No downstream barriers	10 points
Single downstream partial barrier (67% or 33% passability)	5 points
More than 1 downstream partial barrier (67% or 33% passability)	0 points

Question 12: Does the proposed project occur in a designated FBRB Priority Watershed as identified in RCO Manual 22? Please coordinate with your [Salmon Recovery Region](#) to obtain and provide the ranked priority watershed project list for passage projects proposed this current grant round.

20 points possible

Project is ranked number 1 in a statewide approved priority watershed	20 points
Project is ranked number 2 in a statewide approved priority watershed	10 points
Project is located in a statewide approved priority watershed	5 points
Project is not in a statewide approved priority watershed	0 Points

Question 13: How many miles of anadromous salmonid habitat will be made accessible upstream of the targeted fish passage barrier?

15 points possible (Calculated as upstream miles to first barrier (partial or full))

0.00 - 0.24 miles	1 point
0.25 - 0.49 miles	2 points
0.50 - 0.74 miles	3 points
0.75 - 0.99 miles	4 points
1.00 - 1.24 miles	5 points
1.24 - 1.49 miles	6 points
1.50 - 1.74 miles	7 points
1.74 - 1.99 miles	8 points
2.00 - 2.99 miles	9 points
3.00 - 3.99 miles	10 points
4.00 - 4.99 miles	11 points
5.00 - 5.99 miles	12 points
6.00 - 7.99 miles	13 points
8.00 - 10.99 miles	14 points
≥ 11.00 miles	15 points

Question 14: What is the passability of the existing fish passage barrier?

10 points possible

0% passability	10 points
33% passability	7 points

67% passability	3 points
Unknown passability (applicant must demonstrate that the structure is a barrier)	1 point
Question 15: For targeted ESU species you listed in the grid above that will benefit from this project, is presence documented or presumed? (Please identify source of this information)	
7 points possible	
Chinook	2 points
Sockeye	1 point
Pink	1 point
Coho	1 point
Steelhead	1 point
Chum	1 point
Question 16: Is the proposed project included in a Salmon Recovery Funding Board Lead Entity's workplan, Planned Project Forecast list, or other lead entity-based prioritization. If yes, provide link to source, and provide a page number & report excerpt or screen shot showing where proposed project is prioritized. Provide a letter of support from the local Lead Entity if not already in a list mentioned above.	
10 points possible	
Specifically called out in Lead Entity's workplan or Planned Project Forecast list	10 points
Specifically called out in another non-ESA salmon recovery related plan (e.g., local planning)	4 points
Project located in a watershed where fish passage is an identified priority in a Lead Entity approved plan	2 points
Letter of support provided	2 points
Question 17: The FBRB prioritizes projects that utilize a geomorphic design approach and meet the Water Crossing Design Guidelines. For the presumed or proposed project designs, provide the following information on the channel characteristics, based on your knowledge and observations to date:	
<ul style="list-style-type: none"> • How will your project meet a geomorphic design approach? • What is the proposed or intended structure type or will the crossing be abandoned? • If abandoned, please explain your channel design approach. 	
Please provide stream channel metrics to support your approach, to include:	
<ul style="list-style-type: none"> • What is your bankfull width and how was it determined? For example, how many measurements were taken, how far from culvert were the measurements taken, where were the measurements taken (upstream or downstream)? • What is the proposed minimum opening through the structure or for abandonment discuss bed and bank restoration goals through the road prism? • What is the existing channel slope? If known, what is the proposed channel slope? • Are there any site constraints? 	
20 points possible	
Full abandonment, based on supporting information	0-20 points
Bridge or Stream Simulation Design, based on supporting information	0-15 points
Alternative design, based on supporting information	0-5 points

Question 18: Describe how the project addresses the anticipated effects of climate change by answering the following ([Culverts and Climate Change web app](#)):

- Using the WDFW climate change model was there a projected increase in BFW?
- Was the structure size increased as the result of that projected BFW, if so, by how much?
- If another method for addressing climate change was used, please explain.

5 points possible

Described how project addresses future climate change and adaptability	0-5 points
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Question 19: Summarize additional monetary and in-kind resources leveraged to maximize budget to demonstrate cost effectiveness. Are these resources secured? How long will they be available to use toward the project?

How did you determine your project costs? How did you account for what your project will cost at the time funds will be awarded (2025-27 biennium)?

Up to 12 points possible

Budget provided in application is reasonable	0-2 points
Cost seems appropriate relative to predicted benefits	0-4 points
Sponsor has clearly leveraged available resources to reduce costs and maximize benefits	0-4 points
Resource commitments identified (match)? Please list where your match is coming from and the amount of each. Or indicate if you are a design project that will cost \$350k or less.	0-2 points

Question 20: Describe the level of readiness of the proposed project.

- Has the third-party landowner (if applicable) expressed any concerns that could delay or prevent project construction? Provide documentation from the landowner supporting the project. OR Describe how you will ensure the project footprint will fall within the right-of-way. (Note: right of way acquisition is not eligible for program funds.)
- Which permits have you completed? Please provide a schedule for any other permits needed.
- Additional points possible for restoration projects (i.e., construction), do you have preliminary to final designs (per Manual 22, Appendix C), and if so, have you been coordinating with a WDFW Biologist or a TRT Fish Passage Biologist preferably (provide the name of the biologist)?

18 points possible

Strong support from the third-party landowner provided or description how your project is fully within your right-of-way.	0-2 points
Which permits have been completed? Please provide a schedule for any other permits needed.	0-6 points
Additional points possible for restoration projects (i.e., construction) <ul style="list-style-type: none"> • Preliminary to final designs (2 points), where coordination with a WDFW Biologist or preferably TRT Fish Passage Biologist has taken place, provide the name of the biologist? (8 points) 	0-10 points

Question 21: Geographic coordination: Briefly describe other barrier corrections or fish habitat restoration projects on the stream or within the watershed, which have occurred since 2010 or are funded for implementation by 2029. Provide a list of project names including WDFW fish passage barrier site ID number(s) with maps that clearly show each location:

- On the same stream as the proposed project.
- Within the same HUC-12 watershed as the proposed project. (See WA HUC watershed layer on DFW barrier mapping tool [Washington State Fish Passage](#))

15 points possible

Two points for each project on the same stream up to 10 points	0-10 points
One point for each project within the same HUC-12 up to 5 points	0-5 points
Question 22: Organizational Coordination: Are you sharing resources with other organizations to correct other fish passage barriers in this watershed by May 2029? This can include sharing project development efforts, funding, or other activities. Please briefly describe the coordination and provide the project name, location, and WDFW fish passage barrier site ID number(s).	
5 points possible	
Yes, to more than one of the above	5 points
Yes, to one of the above	3 points
No	0 points
Question 23: Does this application warrant additional discussion and review by FBRB staff?	
Not Scored	
Flag for further discussion and review by FBRB staff.	Check box