

Project Name	2025 CRR Ranked List Decision
Date Proposal Submitted	9/2/2025
Date of Requested Decision	10/7/2025
Requested By	Steve West, LCFRB
Date of Decision¹	10/7/2025

¹ Decision will become final if committee members who were not present at this meeting do not oppose this proposed decision within 7 days, unless the current US government shutdown is still in place in which case the hold will be extended another 7 days.

FTC Decision and Justification

The FTC approves the recommendation of the LCFRB and will not fund the Kiona Creek restoration project during the 2025 grant round.

FTC Members present included: Bryce Glaser (WDFW), Andrew Luymes (Ecology), Jonathan Stumpf (TU), and Melora Shelton (Tacoma Power).

Proposed Decision or Consideration

The Lower Columbia Fish Recovery Board (LCFRB) submits the LCFR Board recommendation of **Do Not Fund** for the Kiona Creek Restoration Project during the 2025 CRR Grant Round. This is consistent with the LCFRB Technical Advisory Committee (TAC) evaluation and recommendation to the LCFR Board. This was the only project submitted for funding in 2025.

Table 1 shows the total project cost, the CRR request, and matching funding provided by the applicant.

Table 1

Proposal	Total Project Cost	CRR Funding Request	Match Funding
CRR-2025-01-Kiona Creek Restoration	\$ 683,332	\$ 576,618	\$ 106,714
Total	\$ 683,332	\$ 576,618	\$ 106,714

For project-specific TAC comments, rationales, scoring metrics, and evaluation questions please refer to the following attachments:

Attachment A – SRFB Grant Evaluation Questions

Attachment B – CRR Grant Evaluation Questions

Attachment C – SRFB, CRR Project Scoring Summary, and Ranked List

Attachment D – Rationales (pg.21)

Background

The CRR fund supports activities that protect and promote recovery of listed species in lieu of construction and operation of volitional upstream passage facilities on the Upper Cowlitz River. The CRR program assists in the protection and recovery of listed populations consistent with the recommendations in the Upper Cowlitz River Subbasin Plan of the Washington Lower Columbia Salmon Recovery and Fish & Wildlife Plan (LCFRB 2010, Vol. II.F). The FTC has granted \$4,563,993 in CRR award funding to date. The remaining unallocated portion of the CRR Fund is \$15,110,442 (2024 year-end balance).

The FTC has partnered with the LCFRB to assist in implementing the CRR program for habitat projects beginning in 2021 (DD 2021-03). Per agreement with Tacoma Power, the LCFRB reviews, evaluates and ranks habitat proposals for CRR funding for consideration by the FTC. The LCFRB TAC provides an initial review of projects in conjunction with the Salmon Recovery Board (SRFB) grant round using their standard scoring, ranking, and review process. The TAC also reviews and evaluates the CRR proposals to ensure alignment with CRR priorities by scoring CRR evaluation questions. The TAC provides a recommended ranked list of SRFB and CRR proposals for the LCFR Board to approve. The LCFRB then provides their final recommended ranked list of CRR proposals for the FTC to approve.

The LCFRB TAC reviewed the single CRR project based on the FTC's evaluation questions, as well as benefits to fish, certainty of success and cost questions that describe the relationship of the proposal to watershed and region scale recovery priorities and needs. Both the LCFR Board and TAC decided by consensus that the Kiona Creek Restoration should not be funded during the 2025 CRR Grant Round. On August 1, 2025, the LCFRB met and adopted the TAC recommendation of Do Not Fund for 2025 as submitted (Table 2). FTC approval of this decision means that the proposal, "Kiona Creek Restoration" would **Not** be funded as requested.

The LCFRB presented this project proposal to the FTC at the August 5th meeting, The following link for additional information and application, including budgets, is located here:

[CRR-2025 Kiona Creek Restoration, sponsored by the LCPUD](#)

Table 2

Project Number	Project Name	Project Rank		Recommended Allocation	
		SRFB	CRR	CRR	SRFB
CRR-2025-001	Kiona Creek Restoration	20	1	\$576,618	No Match Requested
		Total		\$576,618	\$0

Coordination Need

There is a high need for coordination and discussion between the LCFRB, Tacoma Power, and the FTC through all stages of the project review process. LCFRB coordinated closely with Tacoma Power staff during all stages of the 2025 grant round, including the TAC review and LCFR Board decision-making processes. While the LCFRB is recommending this project not be funded in 2025, the TAC and Board recommendation is to encourage the sponsor to address identified gaps and concerns and consider resubmitting during a future CRR grant round. LCFRB staff, LCFRB TAC, Tacoma Power, and the LCPUD have agreed to work toward clarifying project metrics, goals, and objectives, and improving the proposal for

future submittal. The LCFRB and Tacoma Power will update the FTC during regular FTC meetings regarding project status. All partners will coordinate to ensure future grant rounds are successful and build upon progress to date.

The LCFRB and Tacoma Power, with input from the FTC, will include information on the 2025 CRR grant round for the report to FERC, and any future annual reports. Annual reports are distributed to the FTC for 30-day review prior to FERC filing.

Summary of Potential Impacts

The LCFRB TAC and Board identified gaps and concerns with the project that should be addressed to ensure the project will result in clear, robust, and certain benefits to reintroduction species, and is cost effective. If the project is approved without revision, there is risk desired benefits may not occur or may not have a robust cost/benefit relationship. Not approving the project in 2025 and updating it for future submittal will increase potential of this project meeting program goals and objectives.

Table 11. TAC evaluation questions for scoring habitat protection, assessment, design and restoration project proposals. Scoring bins are described with number of potential points TAC members can assign per question. “No Support” and “Limited Support” scores for one or more questions may indicate a fatally flawed proposal, which may not be included on the Lead Entity Ranked List for funding.

Scoring Category and Question #	Question	Strong Support – 8 to 10 Points	Moderate Support – 4 to 7 Points	Limited Support – 1 to 3 Points	No Support – 0 Points
Benefits to Fish: Question 1	Does the proposal target high priority populations for species-scale recovery?	2 or more LCFRB identified high priority populations (Primary, Stronghold/ Stronghold Expansion) will benefit from the proposal.	1 LCFRB identified high priority population (Primary, Stronghold/ Stronghold Expansion) will benefit from the proposal.	No high priority populations will benefit from the proposal. 1 or more LCFRB identified moderate priority population (Contributing) will benefit from the proposal.	No LCFRB identified high or moderate priority populations will benefit from the proposal.
Benefits to Fish: Question 2	Does the proposal target key survival bottlenecks and habitat limiting factors?	Clear focus on habitat factors that limit survival at the population, strata or species scales.	Some focus on habitat factors that limit survival at the population, strata or species scales.	Minimal focus on habitat and unlikely to improve survival at the population, strata or species scales.	The proposal does not address any known survival bottlenecks or habitats for the targeted populations.
Benefits to Fish: Question 3	Does the proposal target watershed areas and salmon habitat that are likely to persist in the long term?	<u>Acquisition Proposals</u> Proposal protects at-risk habitat that supports important watershed processes or salmon habitat.	<u>Acquisition Proposals</u> Proposal protects at-risk habitat that supports moderately important watershed processes or salmon habitat.	<u>Acquisition Proposals</u> Proposal protects at-risk habitat that supports minimally important watershed processes or salmon habitat.	<u>Acquisition Proposals</u> Proposal does not demonstrate risk to habitats or watershed processes that warrant protection actions.
		<u>Planning and Restoration Proposals</u> Proposal includes restoration work on or passage to fully protected lands and is expected to persist and be maintained by compatible land use practices.	<u>Planning and Restoration Proposals</u> Proposal includes restoration work on or passage to some, but not all, protected lands and may not persist because of land use practices.	<u>Planning and Restoration Proposals</u> Proposal includes restoration work on or passage to lands with limited protection, and is unlikely to persist because of land use practices.	<u>Planning and Restoration Proposals</u> Proposal includes restoration work that is not expected to persist beyond a 10-year landowner agreement because of land use practices.

Scoring Category and Question #	Question	Strong Support – 8 to 10 Points	Moderate Support – 4 to 7 Points	Limited Support – 1 to 3 Points	No Support – 0 Points
Certainty of Success: Question 4	Does the proposal use a process-based and climate informed approach to watershed restoration and protection?	The proposal is fully compatible with watershed processes and targets underlying drivers or impairments. And, the proposal mitigates for climate change impacts to watershed processes and/or key habitat.	The proposal is compatible with watershed processes but does not fully consider underlying impairments, including climate change impacts.	The proposal may not be fully compatible with watershed processes, nor account for underlying impairments or climate change impacts.	The proposal does not account for overriding watershed process and climate change impacts. The proposal is not expected to achieve goals and objectives because of these underlying disconnects.
Certainty of Success: Question 5	Does the proposal have a well-defined scope and scale consistent with and appropriate for the stated goals and objectives?	The proposal has a detailed and comprehensive scope that is highly likely to meet all of the clearly defined goals and objectives.	The proposal has a moderately detailed and comprehensive scope that is expected to meet at least the primary stated goals and objectives.	The proposal does not have a detailed and/or comprehensive scope and is not likely to meet most, including primary, stated goals and objectives.	The proposal scope and/or goals and objectives are unclear, and no goals or objectives are likely to be met.
Certainty of Success: Question 6	Is the proposal logically sequenced with other All-H salmon recovery efforts in the watershed?	The proposal leverages and builds upon ongoing watershed scale efforts, including other habitat projects and non-habitat factors.	The proposal accounts for some but not all ongoing habitat projects and non-habitat factors at watershed scales, potentially delaying or reducing benefits from the proposed habitat actions.	The proposal accounts for some but not key, ongoing habitat projects and non-habitat factors at watershed scales, likely delaying or reducing benefits from the proposed habitat actions.	The proposal does not account for other habitat projects and non-habitat factors in the watershed, potentially creating more complex, expensive and delayed activities, resulting in negative outcomes.
Certainty of Success: Question 7	What is the potential for funding, scientific/technical, permitting, legal, and/or physical constraints or uncertainties to affect successful project implementation?	Constraints and uncertainties are minimal, and project implementation is highly likely to be successful.	Constraints and uncertainties are present but project implementation is likely to be successful.	Constraints and uncertainties are present and project implementation is likely to be delayed or incomplete.	Constraints and uncertainties are expected to limit or prevent implementation.

Scoring Category and Question #	Question	Strong Support – 8 to 10 Points	Moderate Support – 4 to 7 Points	Limited Support – 1 to 3 Points	No Support – 0 Points
Certainty of Success: Question 8	How qualified and experienced is the project team at successfully completing similar projects?	The project proposal clearly demonstrates the project sponsor and team, based on their abilities, qualifications, and combined record of project implementation, can complete the project scope on time and within budget.	The project proposal demonstrates to a moderate degree that the project sponsor and team, based on their abilities, qualifications, and combined record of project implementation, can complete the project scope on time and within budget	The project proposal demonstrates to some but limited degree that the project sponsor and team, based on their abilities, qualifications, and combined record of project implementation, can complete the project scope on time and within budget	The project proposal does not demonstrate that the project sponsor and team, based on their abilities, qualifications, and combined record of project implementation, can complete the project scope on time and within budget
Cost: Question 9	Are the requested project costs reasonable relative to the expected salmon recovery benefits?	The project costs are highly reasonable given the certainty of long-term population, strata or species-scale recovery benefits.	The project costs are somewhat reasonable given the certainty of long-term population, strata or species-scale recovery benefits.	The project costs are high given the certainty of long-term population, strata or species-scale recovery benefits.	The project costs are not reasonable given high costs and/or minimal certainty in long-term salmon recovery benefits.
Cost: Question 10	Does the project demonstrate partnership and resource leveraging to support and/or expand the benefits of the proposed work?	The project maximizes opportunities to support and/or expand the benefits of the proposal by leveraging partnerships and resources.	The project demonstrates moderate efforts to leverage support through pursuing partnerships and/or other resources.	The project demonstrates limited efforts to leverage support through pursuing partnerships and/or other resources.	The project does not demonstrate any efforts to leverage support through partnerships and/or other resources. The project may be contradictory to ongoing partnerships in the proposal area.

Table 1. CRR proposals are reviewed and scored according to the eligibility and evaluation criteria in the CRR Habitat Program of this appendix as well as the processes described in the Policy Manual and SRFB Evaluation Criteria section of Appendix C. CRR proposals are initially assessed using the three eligibility criteria using a pass/fail decision with supporting rationale. For applications that are eligible, there are five additional CRR evaluation questions specific to the CRR Habitat Program. Options for each evaluation question are shown below, with available total points that can be awarded for each question sub category. Reviewers will provide supporting rationale for each submitted evaluation question score.

Eligibility Category	Eligibility Criteria	Pass/Fail
Population Targeted	Project is directed towards ESA-listed salmon and steelhead populations originating upstream of the Barrier Dam. (Note: these include Upper Cowlitz spring Chinook, coho, or winter steelhead; Cispus spring Chinook, coho or winter steelhead; Tilton fall Chinook, coho or winter steelhead; other salmon or steelhead populations within the geographic focus with matching funds)	Pass/Fail
Geographic Extent	Project is located within the following geographic extent: the Cowlitz River mainstem upstream from the confluence of the Toutle River, river mouths of tributaries upstream of the confluence of Toutle River and below the Barrier Dam, and the entire basin upstream of the Barrier Dam.	Pass/Fail
Project Type	Habitat project supports on-the-ground activities or leads to on-the-ground activities aimed at protection/restoration of habitat for priority species within the geographic focus area.	Pass/Fail
Scoring Category	Evaluation Question	Total Points Available
CRR Program Priorities	1. Geography: Location in the basin (select one only)	
	Resource Project is located upstream of the Barrier Dam.	30
	Resource Project is located downstream of the Barrier Dam, but provides matching funds that support cost sharing.	20
	Resource project is located downstream of the Barrier Dam but will not provide cost sharing.	10
	2. Population: Project primarily benefits (select one only)	
	Resource Project primarily benefits spring Chinook populations originating from the upper Cowlitz and/or Cispus rivers.	40
	Resource Project primarily benefits steelhead and coho populations originating from the upper Cowlitz and/or Cispus rivers.	30
	Resource Project primarily benefits listed salmon originating from the Tilton River, and/or fall Chinook originating from the upper Cowlitz.	20
	Resource Project primarily benefits listed salmon originating from the lower Cowlitz River basin, but provides matching funds that support cost sharing.	10
Benefits to Fish	3. Direct Support for Reintroduction (yes/no)	
	Project is paired or integrated with current or planned reintroduction efforts within the basin (e.g., improves habitat for adult holding near an existing or planned release site). Yes = 10, No = 0	10
Certainty of Success	4. Relevant and Supportive Information Provided (select only 1)	
	Resource project is exceptionally consistent with / responsive to CRR-specific habitat resources, including UCC habitat strategy and habitat assessment tools (if applicable) and other relevant/supportive information.	30

	Resource project is highly consistent with / responsive to CRR-specific habitat resources, including UCC habitat strategy and habitat assessment tools (if applicable) and other relevant/supportive information.	20
	Resource project is somewhat consistent with / responsive to CRR-specific habitat resources, including UCC habitat strategy and habitat assessment tools (if applicable) and other relevant/supportive information.	10
	Resource project is not consistent with / responsive to CRR-specific habitat resources, including UCC habitat strategy and habitat assessment tools (if applicable) and other relevant/supportive information.	0
Cost	5. Match (select only 1)	
	Resource project leverages CRR funding with substantial match.	20
	Resource project leverages CRR funding with some match.	10
	Resource project leverages CRR funding with no match, but there are limited match opportunities.	10
	Resource project leverages CRR funding with no match.	0

Table 2. The one Cowlitz Restoration and Recovery habitat grant integrated with the ranked Salmon Recovery Funding Board standard and riparian grants. Rank order is calculated from the total scores (sum of averaged TAC scores for each of the ten evaluation questions). Although the Cowlitz Restoration and Recovery habitat grant received a rank 1 of 1, its total score places it second to last on the total ranked table.

Project Number	Project Name	Benefits to Fish						Certainty of Success								Cost				Total Project			
		Q1		Q2		Q3		Q4		Q5		Q6		Q7		Q8		Q9		Q10		Score	Rank
		Score	Level	Score	Level	Score	Level	Score	Level	Score	Level	Score	Level	Score	Level	Score	Level	Score	Level				
25-1110	Lower Columbia Barrier Inventory Phase 2	9	Strong Support	9	Strong Support	8	Strong Support	8	Strong Support	8	Strong Support	9	Strong Support	8	Moderate Support	9	Strong Support	9	Strong Support	8	Moderate Support	84.3	1
25-1119	Green River (NFT) - Shultz to Falls Design	9	Strong Support	9	Strong Support	7	Moderate Support	9	Strong Support	8	Strong Support	9	Strong Support	8	Moderate Support	9	Strong Support	8	Strong Support	8	Strong Support	83.4	2
25-1176	Hardy Creek Reach 5 Floodplain Reconnection	9	Strong Support	8	Strong Support	8	Strong Support	8	Strong Support	8	Strong Support	8	Strong Support	8	Moderate Support	9	Strong Support	7	Moderate Support	8	Strong Support	81.1	3
25-1192	Wildboy Creek Phase II Design	7	Moderate Support	8	Strong Support	8	Strong Support	8	Strong Support	8	Moderate Support	8	Strong Support	7	Moderate Support	9	Strong Support	9	Strong Support	8	Strong Support	81.0	4
25-1121	NFT Old Beaver Creek Restoration	8	Strong Support	8	Moderate Support	8	Moderate Support	8	Strong Support	8	Strong Support	8	Strong Support	8	Moderate Support	9	Strong Support	8	Strong Support	8	Moderate Support	80.8	5
25-1139	STHD - Stump Creek Riparian Planting & H2O Storage	8	Strong Support	8	Moderate Support	7	Moderate Support	8	Strong Support	8	Strong Support	8	Strong Support	8	Moderate Support	8	Strong Support	8	Strong Support	8	Moderate Support	79.2	6
25-1157	Dry Creek Habitat Restoration	7	Moderate Support	8	Strong Support	8	Moderate Support	8	Strong Support	8	Moderate Support	8	Strong Support	8	Moderate Support	9	Strong Support	7	Moderate Support	8	Strong Support	78.1	7
25-1147	Washougal Headwaters Reconnection Design	7	Moderate Support	8	Moderate Support	8	Strong Support	8	Strong Support	8	Moderate Support	8	Moderate Support	7	Moderate Support	9	Strong Support	7	Moderate Support	8	Strong Support	77.9	8
25-1122	GMC 1.1 - Mulholland Helicopter	9	Strong Support	8	Strong Support	7	Moderate Support	8	Moderate Support	7	Moderate Support	8	Strong Support	7	Moderate Support	9	Strong Support	6	Moderate Support	7	Moderate Support	77.6	9
25-1143	Cedar Creek Resilience	8	Moderate Support	8	Moderate Support	6	Moderate Support	7	Moderate Support	8	Moderate Support	8	Strong Support	7	Moderate Support	9	Strong Support	8	Strong Support	8	Strong Support	77.4	10
25-1113	Dyer Creek Phase 2 Restoration	8	Strong Support	7	Moderate Support	8	Moderate Support	8	Moderate Support	7	Moderate Support	8	Moderate Support	7	Moderate Support	9	Strong Support	7	Moderate Support	8	Moderate Support	76.7	11
25-1112	Schaefer Restoration 3	9	Strong Support	6	Moderate Support	8	Strong Support	7	Moderate Support	8	Moderate Support	8	Strong Support	8	Moderate Support	9	Strong Support	7	Moderate Support	8	Moderate Support	76.6	12
25-1155	Hollis Creek Fish Passage Project	6	Moderate Support	8	Moderate Support	8	Moderate Support	8	Strong Support	8	Strong Support	8	Strong Support	7	Moderate Support	8	Strong Support	6	Moderate Support	8	Moderate Support	75.9	13
25-1154	Upper Lacamas Creek Barrier Correction	8	Moderate Support	8	Moderate Support	7	Moderate Support	8	Moderate Support	8	Strong Support	8	Moderate Support	7	Moderate Support	8	Strong Support	6	Moderate Support	8	Moderate Support	74.7	14
25-1170	Riparian Restoration in the Salmon Creek Watershed	7	Moderate Support	7	Moderate Support	6	Moderate Support	8	Moderate Support	7	Moderate Support	8	Moderate Support	8	Moderate Support	9	Strong Support	8	Moderate Support	7	Moderate Support	74.1	15
25-1120	Camp Singing Wind Implementation	7	Moderate Support	7	Moderate Support	7	Moderate Support	8	Moderate Support	7	Moderate Support	7	Moderate Support	7	Moderate Support	8	Strong Support	6	Moderate Support	7	Moderate Support	73.6	16
25-1149	Cedar Creek Riparian Collaborative	8	Moderate Support	6	Moderate Support	6	Moderate Support	7	Moderate Support	7	Moderate Support	7	Moderate Support	7	Moderate Support	8	Strong Support	7	Moderate Support	8	Strong Support	72.6	17
25-1111	Middle East Fork Lewis R. Feasibility and Design	8	Strong Support	7	Moderate Support	7	Moderate Support	7	Moderate Support	7	Moderate Support	7	Moderate Support	7	Moderate Support	8	Strong Support	6	Moderate Support	7	Moderate Support	71.4	18
25-1153	Salmon Creek Assessment	8	Moderate Support	7	Moderate Support	6	Moderate Support	7	Moderate Support	7	Moderate Support	7	Moderate Support	6	Moderate Support	9	Strong Support	6	Moderate Support	7	Moderate Support	70.3	19
CRR-2025-01	Kiona Creek Restoration Project	8	Strong Support	7	Moderate Support	7	Moderate Support	7	Moderate Support	7	Moderate Support	7	Moderate Support	7	Moderate Support	7	Moderate Support	6	Moderate Support	7	Moderate Support	69.5	1
25-1156	Ervest Tide Gate	7	Moderate Support	5	Moderate Support	5	Moderate Support	5	Moderate Support	5	Moderate Support	6	Moderate Support	5	Moderate Support	8	Moderate Support	6	Moderate Support	7	Moderate Support	57.8	20

Table 3. The one Cowlitz Restoration and Recovery habitat grant averaged TAC scores for the five Cowlitz Restoration and Recovery supplemental evaluation questions. The total score is the sum of the five averaged scores. Staff determine eligibility and identified the 2025 grant proposal as meeting eligibility requirements.

Project Number	Project Name	Pass/Fail Eligibility Questions			CRR - Scoring Questions					Total Project	
		Population Targeted	Geographic Extent	Project Type	Q1	Q2	Q3	Q4	Q5		
		Pass/Fail	Pass/Fail	Pass/Fail	Score	Score	Score	Score	Score	Score	Rank
CRR-2025-01	Kiona Creek Restoration Project	Pass	Pass	Pass	29	33	2	19	15	98.8	--

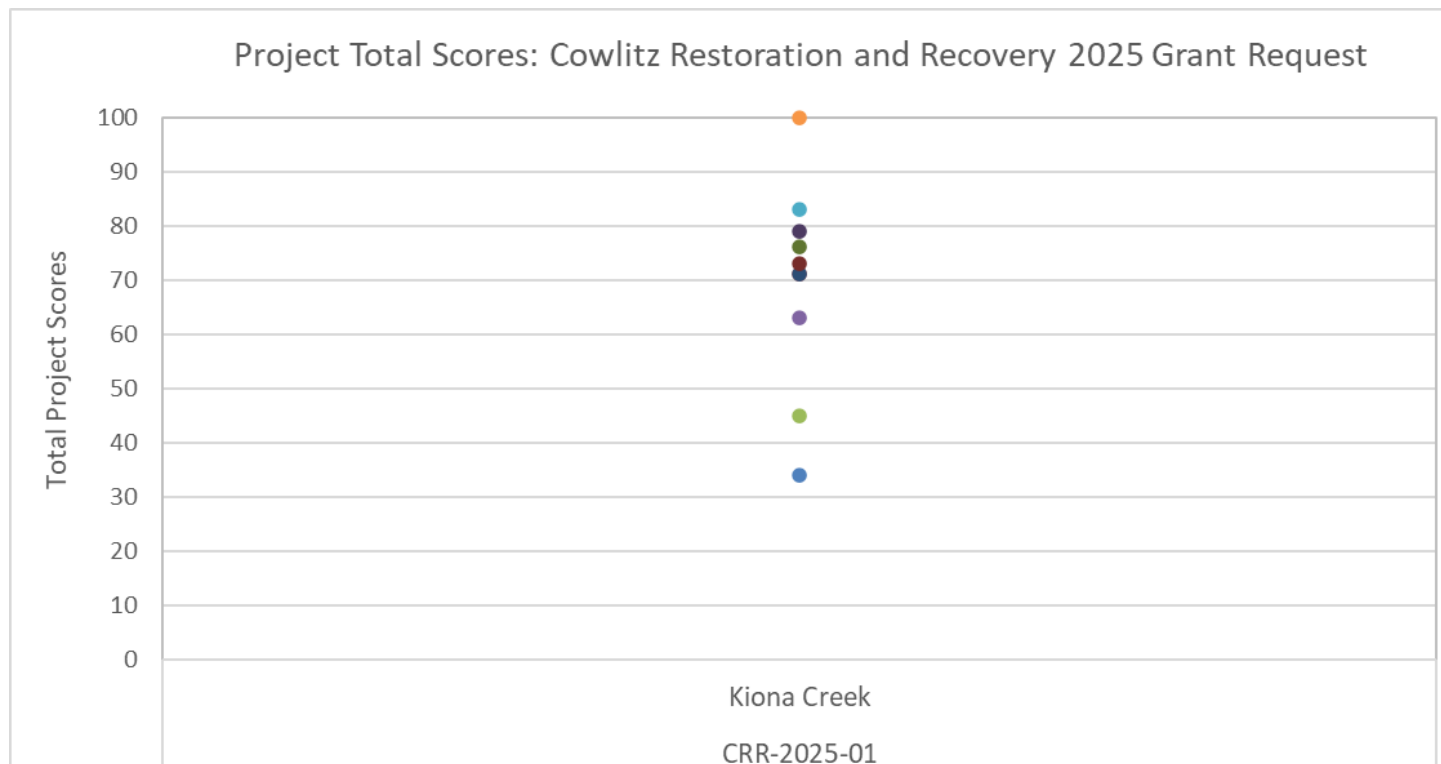


Figure 6. Total scores from each individual TAC member for the ten evaluation questions for the one Cowlitz Restoration and Recovery habitat grant.

Corrected

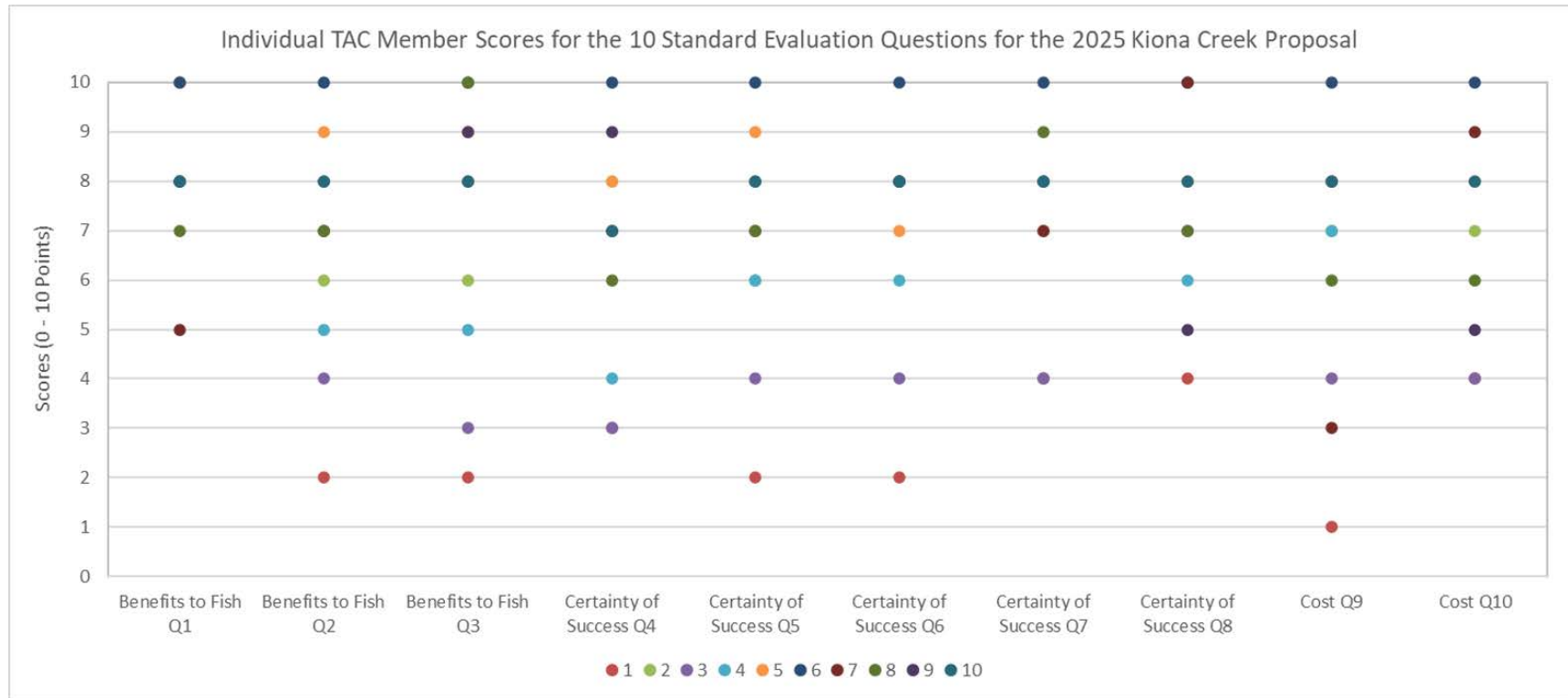


Figure 7. Total scores for the ten evaluation questions from each individual TAC member for the one Cowlitz Restoration and Recovery habitat grant.

Scoring rationales were provided by TAC members and are grouped by the one submitted Cowlitz Restoration and Recovery habitat grant application.

CRR-2025-1 Kiona Creek Restoration

Benefits to Fish	Certainty of Success	Cost
- Doesn't seem to target true spawning or habitat for Steelhead or Chinook. - high priority pops, but benefit may be limited without other features; land use. - Good project. - Fish species are just okay, habitat limiting factors are the same, habitat should persist. - Multiple primary populations, does not appear to be process based approach. - One stronghold expansion species indirectly targeted, and project does not target most critical limiting factor. High likelihood of benefits persisting based on land ownership. - Concerns about land use upstream and gravel recruitment through this reach. Also concerns about rock wall and incised creek bed affecting natural processes. - multiple fish use and protected land. - Kiona Creek restoration project will likely provide benefits to spring Chinook as well as other ESA-listed salmonids.	- LO/land use constraints; moderately detailed. - Good certainty. - Qualified team but actions are not the most process based and the scale is limited. Uncertainties are present. - Q7: I'm not sure how to factor in effects of backwatering - Form based project; sequence low in watershed. - Without floodplain reconnection it seems there is real potential for the sediment processing and habitat complexity benefits to be knee-capped based on observations of the channel during the site visit. Still likely to have benefits. Application mentions new personnel for this kind of project. - Not sure surrounding watershed processes will not affect the long term success of this project. - Good design but limited experience. - Project sponsor will focus on the lower Kiona Creek w/a reasonable project scope. Riparian restoration is expected to exceed project scope.	- moderate cost:benefit. - Good project potential outcome. - Costs are high considering the potential to help populations long-term but leveraging and match are good. - Cost estimate seems reasonable for the work proposed, but the benefits may only show a moderate benefit to cost ratio based on lack of floodplain reconnection despite a robust LWD implementation. - All by applicant. - Project cost request is likely to provide expected project benefits to juvenile & adult spring Chinook & other ESA-listed salmonids. Lewis Co. PUD are likely to ensure project success into the future.