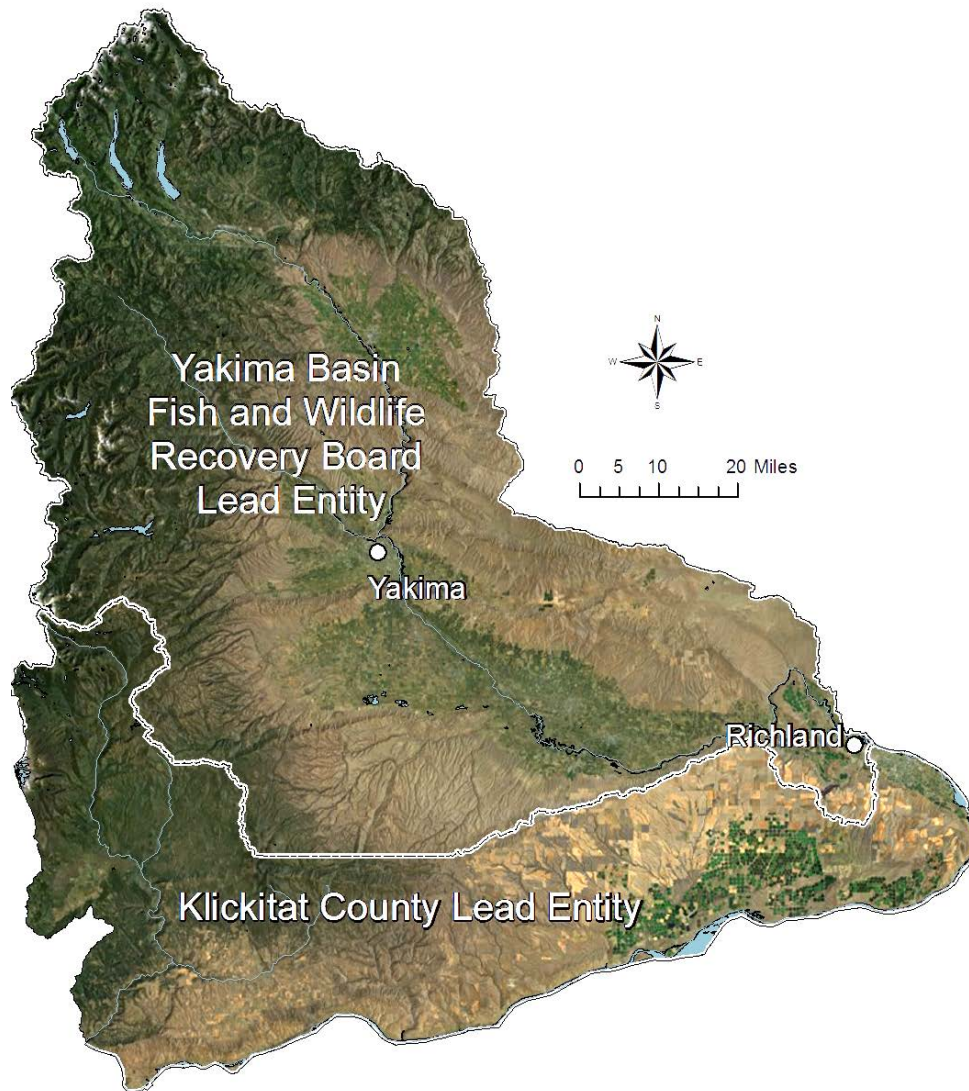


Middle Columbia River Salmon Recovery Region



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Region Overview

Geography

The Middle Columbia River Salmon Recovery Region is comprised of salmon bearing streams in Benton, Kittitas, Yakima, and Klickitat Counties.

Water Resource Inventory Areas (WRIA)

Klickitat (30), Rock-Glade (31), Lower Yakima (37), Naches (38), and Upper Yakima (39)

Federally Recognized Tribes

Confederated Tribes and Bands of the Yakama Nation, Confederated Tribes of the Umatilla Indian Reservation

Endangered Species Act Listings

Middle Columbia River Salmon Recovery Region Listed Species

Species	Listed As	Date Listed
Steelhead	Threatened	March 25, 1999
Bull Trout	Threatened	1998

Salmon Recovery Plan

Middle Columbia River Salmon Recovery Region Recovery Plan

Recovery Plan	
Regional Organization	Yakima Basin Fish and Wildlife Recovery Board (for the Yakima basin; no recovery organization for Columbia Gorge populations in the middle Columbia region).
Plan Timeframe	15 years (Yakima steelhead recovery plan only)
Actions Identified to Implement Plan	94 (Yakima steelhead recovery plan only)
Estimated Cost (This does not include estimated cost from the Klickitat and Rock Creek plans prepared by the NOAA.)	\$269 million (Yakima steelhead recovery plan only)
Status	NOAA-Fisheries approved the Middle Columbia River Steelhead Recovery Plan in September 2009. This plan incorporates the Yakima board’s <i>Yakima Steelhead Recovery Plan</i> and NOAA’s recovery plans for steelhead populations in the Gorge Management Unit of the middle Columbia River steelhead distinct population segment.

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Recovery Plan	
	The Yakima Basin Fish and Wildlife Recovery Board released the <i>Yakima Bull Trout Action Plan</i> in September 2012, with an update in 2017, and the U.S. Fish and Wildlife Service released its bull trout recovery plan in 2015.
Implementation Schedule Status	For the Yakima basin, basic elements of a 6-year implementation schedule are completed, providing details of planned actions, key partners, link of actions to limiting factors and plan strategies, time to implement and achieve benefits, and estimated costs. Additional information fields and a tracking and reporting system for the implementation schedule are being developed.
Web Information	Yakima Basin Fish and Wildlife Recovery Board Web site Klickitat Lead Entity Web page

Region and Lead Entities

There are five WRIAs in the Middle Columbia River Salmon Recovery Region. The Yakima Basin Fish and Wildlife Recovery Board (YBFWRB) is the regional salmon recovery organization and lead entity for three of these WRIAs (37, 38, and 39). The Klickitat County Lead Entity's geographic area is composed of WRIAs 29b, 30, and 31. The Klickitat County Lead Entity's geographic area is not within the purview of a regional organization established under Revised Codes of Washington 77.85.090 or 77.85.200, but is contained within the Lower Columbia and Middle Columbia River Salmon Recovery Regions. Therefore, a portion of the SRFB project funding allocated to the Lower Columbia and Middle Columbia Salmon Recovery Regions is allocated to the Klickitat County Lead Entity's geographic area based on a combination of historical funding allocations and anadromous stream miles.

Regional Area Summary Questions and Responses

1. Internal funding allocations:

A. Describe the process and criteria used to develop allocations across lead entities or watersheds within the region?

The Mid-Columbia region was allocated a total of \$4,081,667 for the 2022 SRFB grant round for projects with total budgets under \$5 million each. This included \$1,876,000 of PCSRF and state PCSRF match allocated in 2021 for the 2022 grant round and \$2,205,667 in supplemental state capital funding allocated by the state legislature in 2022. Because there is not a single regional organization that includes both the areas served by the Yakima Fish and Wildlife Recovery Board

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and that portion of the Klickitat County Lead Entity's area that is within the Mid-Columbia region, the two organizations enter into discussions each year about how to divide the Mid-Columbia allocation between them. Based on this, the Mid-Columbia SRFB allocation was split with YBFWRB receiving 70% and the Klickitat Lead Entity receiving 30%. The Yakima Basin lead was allocated \$1,313,200 in PCSRF funding and state PCSRF match and \$1,543,967 in supplemental state capital funding. The Klickitat Basin was allocated \$562,800 in PCSRF funding and state PCSRF match and \$661,700 in supplemental state capital funding, but has chosen to retain \$489,112 of this funding for the 2023 grant round. In addition, the Mid-Columbia region was allocated \$4,794,000 in supplemental state capital funding by the state legislature for projects over \$5 million each.

Beginning in 2015, the Klickitat Lead Entity may request use of Mid-Columbia Region funds for use on projects in the White Salmon. The Yakima Basin Fish & Wildlife Recovery Board is genuinely excited to see important fisheries restoration projects occurring in the White Salmon Basin, and believe that they can help all of us meet delisting goals for Middle Columbia Steelhead. YBFWRB also wants to ensure that decisions about the use of the Middle Columbia allocation are considered in a transparent manner by the appropriate decision-making body.

In 2016, the Yakima Basin Fish & Wildlife Recovery Board and the Klickitat County Lead Entity formalized the process for requesting the use of Mid-Columbia Region funds for use on projects in the White Salmon. The process involves the Klickitat County Lead Entity making a formal request to the Yakima Basin Fish & Wildlife Recovery Board for any proposed transfer of funding from the Mid-Columbia allocation to the Lower Columbia allocation. In 2022, the Klickitat Lead Entity proposed using \$490,388 of Mid-Columbia funds in the White Salmon watershed; the request was approved by the Yakima Basin Fish and Wildlife Recovery Board on August 10.

The Yakima Basin Fish and Wildlife Recovery Board and the Klickitat County Lead Entity submit separate lead entity lists and divide funding between the two lists based on the agreed upon allocation.

In addition to the SRFB grant round, the Yakima Basin Fish and Wildlife Recovery Board solicited Targeted Investment proposals as the Mid-Columbia regional organization. Although the Klickitat Lead Entity is not part of this salmon recovery region, the YBFWRB also invited it to take part in the competition to select a single proposal from the Mid-Columbia for the SRFB's consideration as a Targeted Investment. YBFWRB's local committees endorsed one project, Gap to Gap Ecosystem Restoration, Construction Implementation as a Targeted Investment. It scored highly in the Targeted Investment grant round and is likely be funded in part from this source.

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Table 1: Funding and Requests for Projects Under \$5 million each

Funding and Requests – Projects Under \$5 million	Totals	Percent
Total Allocation	\$4,081,667	100%
Yakima Basin Lead Entity List – projects < \$5 million (without alternates)	\$2,857,167	70%
Klickitat Lead Entity List < \$5 million (without alternates)	\$1,224,500	30%
Klickitat Lead Entity List < \$5 million – Used in 2022	\$735,388	-
Klickitat Lead Entity List < \$5 million – Carryover to 2023	\$489,112	-
Remaining Balance	(\$0)	0%

Table 2: Funding and Requests for Projects Over \$5 million each

Funding and Requests – Projects Over \$5 million / Targeted Investment	Totals	Percent
Total Allocation	\$4,794,000	100%
Yakima Basin Lead Entity List – projects > \$5 million ¹	\$4,794,000	100%
Remaining Balance	(\$0)	0%

B. Explain if the projects list(s) submitted in the region funds the highest priority projects.

Our project list submitted for the 2022 SRFB grant round funds the highest priority projects and actions that are eligible for funding by the SRFB that have been proposed by sponsors in the lead entity area in the current grant year, and address the strategies in our Salmon Recovery Plan. For more information on how projects are prioritized see the [Yakima Lead Entity Manual](#) and the [Klickitat Lead Entity Strategy](#).

C. If the highest priority projects were not funded, explain the barriers to implementing the highest priority projects in the region.

The majority of high priority projects in the Yakima Basin are being funded. Some of our recovery plan priorities are not necessarily best addressed through the SRFB program. We have successfully advocated for many of our priorities through other funding sources and continue to

¹ One proposal to the YBFWRB, Gap to Gap Ecosystem Restoration, Construction Implementation, was reviewed during the regular grant round and included in the ranked project list under Track 1. YBFWRB will hold a supplemental grant round under Track 2 to identify alternates to this project for the remainder of the supplemental funding since it is likely to be partially funded as a Targeted Investment. The Klickitat County Lead Entity did not have any projects eligible for this funding source in the 2022 grant round.

fund high priority projects. Some priorities require challenging political commitments and/or are impacted by landowner willingness.

D. Do suballocations to lead entities limit your region from getting to the highest priority projects?

No, suballocations do not limit our region from getting to the highest priority projects.

2. Regional Technical Review Process

A. Explain how the regional technical review was conducted.

The existing Yakima lead entity technical review group was used as the regional technical review team. Given that 1) the area covered by the lead entity and the regional organization is identical, and 2) most potential candidates for serving on a regional technical review team already were serving on the lead entity review team, the Yakima Basin Fish and Wildlife Recovery Board saw no reason to convene a separate review team. If in the future, there is agreement among all parties that we should develop a regional review that involves multiple lead entities, we would work with other parties to develop a separate regional technical review process.

B. What criteria were used for the regional technical review?

The Yakima Technical Advisory Group evaluated all Yakima basin projects regardless of whether their budgets are under or over \$5 million each using three sets of criteria:

[Salmon Recovery Matrix](#) assesses:

- Species benefited by project.
- Project benefits to in-stream flow and the hydrograph.
- Project benefits to water quality.
- Project benefits to in-channel habitat.
- Protection of functional spawning and/or rearing habitat.
- Improves or creates spawning and/or rearing habitat (cover, etc.).
- Assesses/designs spawning and/or rearing habitat conditions and needs.
- Project benefits to habitat access.
- Improvement of access for juvenile or adult to high quality habitat.

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- Improvement of access for juvenile or adult to functional habitat.
- Assesses/designs habitat access.
- Project benefits to diversion screening.
- Project benefits to floodplain connectivity and riparian condition.

Matrix scores are adjusted using weighting factors for:

- Quality and quantity.
- Certainty of success.
- Benefit to cost.
- Longevity of benefit.

Yakima Basin Technical Advisory Group [Evaluation Form](#). This form is used to provide consistency in evaluating all projects regardless of the size of their budgets. It is used to generate discussion and provide additional guidance to Technical Advisory Group members for ranking projects under \$5 million each or recommending projects over \$5 million each and/or Targeted Investment for funding by the SRFB. These also are provided to the Citizen Committee so members are aware of how the Technical Advisory Group evaluated the proposals. This form evaluates the strengths and weaknesses in regard to:

- Biological Benefit
- Landowner Commitment
- Sequencing
- Budget
- Design
- Future Stewardship
- Strengths, Uncertainties and Constraints

Yakima Basin Fish and Wildlife Recovery Board's [Focus Project List](#): The Yakima Basin Fish and Wildlife Recovery Board's Focus Project List is a tool developed by the Technical Advisory Group to help identify high priority SRFB projects and apply those funding resources to projects that represent the most immediate needs of priority species. The list is used to:

- Give the Technical Advisory Group a way to proactively guide Yakima Basin SRFB funding towards high priority actions.
- Provide guidance to sponsors deciding what types of projects to pursue and propose.
- Strengthen the link between the SRFB project review criteria and recovery plan priorities.

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Projects that clearly implement priority actions identified in the list receive 10 bonus points in the matrix. If a proposal does not address a next step related to a priority action, zero bonus points are awarded. It is important to emphasize that the Technical Advisory Group uses this approach as a way to recognize and reward proposals that implement identified priorities, but not as a way to exclude other SRFB proposals. The matrices and evaluation forms from the 2022 technical advisory group evaluation meeting are included as a separate document with this appendix. Based on this evaluation, the Technical Advisory Group ranked proposals under \$5 million each. It also used it as the basis for recommending the inclusion of projects over \$5 million each in the funding list and recommending Targeted Investment proposals for funding by the SRFB.

The Yakima Citizen Committee evaluated projects regardless of the size of their budgets based on the following [criteria, with the most recent significant updates completed in the winter of 2018](#). Based on this, it also either ranked those under \$5 million each or recommended forwarding those over \$5 million each and/or recommending Targeted Investment projects for funding by the SRFB.

- Cultural and Social Considerations:
 - How does the project affect the Yakima Nation and its members?
 - How does the project affect agricultural interests?
 - How does the project affect recreational opportunities within the Basin?
 - How will the project change ESA liabilities for community members?
 - Does the project include a substantive benefit for wildlife or other habitat?
 - Does the project include substantive and compelling education and outreach components?
- Economic Considerations:
 - Are there economic effects associated with this project?
 - Are there specific elements of the project budget that either raise concerns or are particularly cost-effective?
- Project Context and Organization:
 - How is the project coordinated with other past, present, and future actions?
- Partnerships and Community Support:
 - Are the right partners involved to make the project succeed?

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- Are the landowners who are directly affected by the proposed project in strong support of this proposal?
- At the current stage of the proposed project, is the project sponsor using SRFB funding to leverage other funding sources?

The matrices and evaluation forms from the 2022 citizen committee evaluation meeting are included as a separate document with this appendix.

C. Who completed the regional review (name, affiliation and expertise) and are they part of the regional organization or independent?

Participants in the 2022 Yakima Basin Fish and Wildlife Recovery Board Technical Advisory Group are listed below. Participants were chosen to assure 1) a broad range of knowledge about fisheries and habitat restoration in the Yakima basin, 2) inclusion of participants from all parts of the basin (upper, mid and lower), and 3) representation of the full range of organizations active in fisheries and watershed management in the basin. The Technical Advisory Group is a long-standing committee that the lead entity has used in past SRFB project reviews and other processes. All of the voting members are independent of the regional organization in that they work with the lead entity as representatives of their individual organizations and are not otherwise directly affiliated with the regional organization.

Table 3: Yakima Basin Fish and Wildlife Recovery Board Technical Advisory Group

Name	Affiliation	Expertise
Shannon Adams	Yakama Nation	Habitat Coordinator
Marc Divens	WA Department of Fish & Wildlife	District 8 Fish Biologist
Sean Gross	NOAA-Fisheries	Fisheries Biologist
Anna Lael	Kittitas County Conservation District	District Manager
Pat Monk	Bureau of Reclamation	Fisheries Biologist
Jennifer Nelson	Washington Department of Fish and Wildlife	Fish and Wildlife Biologist
Katy Pfannenstien	US Fish and Wildlife Service	Fish Biologist
Jason Romine	U.S. Fish and Wildlife Service	Fish Biologist
Danielle Squeochs	Confederated Tribes and Bands of the Yakama Nation	Hydrologist
Luke Stilwater	Yakima County Public Services	Natural Resource Specialist
Arden Thomas	Kittitas County	Water Resource Manager
Rebecca Wassell	Mid-Columbia Fisheries Enhancement Group	Yakima Basin Program Director

D. Were there any projects submitted to the SRFB that the regional implementation or Salmon Recovery Portal (formerly Habitat Work Schedule) did not specifically identify? If so, please provide justification for including these projects in the list of projects recommended to the SRFB for funding. If the projects were identified in the regional implementation plan or strategy but considered a low priority or in a low-priority area please provide justification.

All but two of the projects submitted for this grant round are identified in the [Yakima Steelhead Recovery Plan](#) (2009) or the [Yakima Bull Trout Action Plan](#) (2012, last updated in 2017). The actions database included in the plans are recognized as our implementation schedule of actions as per correspondence dated October 20, 2008 from the Governor’s Salmon Recovery Office.

The Tieton River Restoration Site #4 proposal is in response to recent studies by the Yakama Nation of Mid-Columbia steelhead use in the Tieton River that indicates it has a surprisingly large population. This has prompted increased interest in the importance of restoration of the lower Tieton River for recovery of ESA-listed steelhead. The *Yakima Steelhead Recovery Plan* (2009) will be updated to reflect this.

The Cabin Creek Restoration Assessment proposal (alternate #3) was prompted by informal habitat surveys indicating an increased potential for this watershed as quality Mid-Columbia steelhead and bull trout habitat. The presence of bull trout was indicated by eDNA and Cabin Creek is being considered as a location for bull trout reintroduction. This assessment addresses a high priority data gap that will directly inform decisions about whether to include restoration actions here in our recovery plans.

3. Criteria the SRFB considers in funding regional project lists:

How did the regional review consider whether a project met the following criteria?

A. Provides benefit to high priority stocks for the purpose of salmon recovery or sustainability. In addition to limiting factors analysis, SaSI, and SSHIAP², provide

² SaSI = Salmon and Steelhead Stock Inventory; SSHIAP=Salmon and Steelhead Habitat Inventory and Assessment Program

stock assessment work completed to date to characterize the status of salmonid species in the region. Briefly describe.

Steelhead and bull trout are the Endangered Species Act listed species in the Yakima basin, and all stocks are high priority for recovery actions. The [Yakima Steelhead Recovery Plan](#) contains the most current data and local knowledge of the status of steelhead populations. The plan incorporates the Internal Columbia Technical Review Team population designations and stock status reports, assesses limiting factors, sets specific recovery goals and identifies the actions needed to meet them. The [Yakima Bull Trout Action Plan](#) was completed in 2012 in cooperation with the U.S. Fish and Wildlife Service as an update to the board's *2005 Salmon Recovery Plan*. An update was finalized in 2017. The Technical Advisory Group assesses the fit of proposed projects to the priority actions identified in these plans, and uses a matrix that is designed to prioritize projects based on their specific contributions to recovery goals. The matrix also gives projects credit for parallel benefits to non-listed focal species.

B. Addresses cost-effectiveness. Provide a description of cost-effectiveness considered.

Both the Yakima Basin Fish and Wildlife Recovery Board Technical Advisory Group and Citizen Committee evaluated project budgets as a part of the ranking process. The Technical Advisory Group assigned each project a high, medium, or low certainty of success score based on:

- The completeness of project budgets.
- How reasonable the costs are relative to similar projects.
- The proposed return for the dollars invested;

The Technical Advisory Group also considers a benefit-to-cost weighting factor. This weighting factor asks TAG members to consider if the proposed cost of the project is reasonable with respect to the expected biological outcomes. This weighting factor is a qualitative evaluation of the biological benefit of the project compared to the cost to SRFB and is not intended to require quantification of biological benefits.

The Citizen Committee also scores a project based on its assessment of whether a budget raises concerns or is particularly cost-effective.

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C. Preserves high-quality habitat. Describe projects on the list that will preserve high-quality habitat.

Our first ranked project, Thorp Reach Acquisition, will acquire 235 acres of floodplain, protecting 1.18 miles of high quality riverfront riverine habitat, riparian forest, woodlands, shrub steppe, and wetlands. Since 2000, our Lead Entity has received 26 acquisition proposals and funded 21, or 81% of those requests. However, SRFB funding represents a relatively small portion of overall acquisition spending in the Yakima Basin.

D. Sponsored by an organization with a successful record of project implementation. For example, identify the number of previous SRFB projects funded and completed.

Table 4: History of SRFB Projects

Yakima Basin Projects Under \$5 million					
Rank	Project	Sponsor	Number of projects previously funded	Number of projects previously completed	Number of active projects
1	Thorp Reach Acquisition	Kittitas Conservation Trust	17	10	3
2	River Mile 89.5 Project – Phase 2	Yakama Nation	39	26	7
3	Wahnum Creek Culvert Replacement (Design-Build)	Yakama Nation	39	26	7
4	Hanson Ponds 30% Design	Kittitas Conservation Trust	17	10	3
5	Little Creek Channel Complexity – Pilot Project	Trout Unlimited	16	8	6
6	Swauk Creek: Supplemental Flows P&C Designs	Trout Unlimited	16	8	6
7	Lower Cowlitz Floodplain Restoration Cost Increase	Mid-Columbia Fisheries Enhancement Group	49	35	13
8	Tieton River Restoration Site #4	Yakama Nation	39	26	7

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9	Whiskey Creek Barriers Design	Mid-Columbia Fisheries Enhancement Group	49	35	13
10	Cowiche Creek Restoration Design, RM 0.7	Mid-Columbia Fisheries Enhancement Group	49	35	13
11	Cabin Creek Restoration Assessment	Mid-Columbia Fisheries Enhancement Group	49	35	13

Yakima Basin Projects Over \$5 million / Targeted Investment					
Rank	Project	Sponsor	Number of projects previously funded	Number of projects previously completed	Number of active projects
N/A	Gap to Gap Ecosystem Restoration, Construction Implementation	Yakima County (all Departments)	14	13	0

E. Provides benefit to listed and non-listed fish species. Identify projects on the regional list that primarily benefit listed fish. Identify projects on the regional list that primarily benefit non-listed species.

All projects on our 2022 list provide primary benefit to listed fish species. Please see the 2022 ranked project list, attached to this report, for full details.

F. Implements a high-priority project or action in a region or watershed salmon recovery plan. Identify where and how the project is identified as a high-priority in the referenced plan.

All but two projects (including an alternate) implement priority recovery actions identified in the *Yakima Steelhead Recovery Plan* and/or the *Yakima Bull Trout Action Plan*. Tieton River Restoration Site #4, is addressing new information regarding the importance of the lower Tieton River to steelhead recovery that is not yet reflected in the *Yakima Steelhead Recovery Plan*. This information will be reflected in any update to the recovery plan but local reviewers feel the Tieton River Restoration Site #4 project is relevant for funding during the 2022 grant round.

Cabin Creek Restoration Assessment is addressing new information regarding the suitability of Cabin Creek for Mid-Columbia steelhead and bull trout. This assessment is a

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needed prerequisite to determine if recovery actions should now be prioritized in this watershed and therefore the local reviewers feel that the Cabin Creek Restoration Assessment is appropriate as an alternate project for funding during the 2022 grant round.

The Technical Advisory Group identified two of our projects as “High Priority Fund.” Six projects were identified as “Priority Fund.” Three alternate projects were listed as “Fund.” One project was listed as “Deferred”, meaning that the Citizen Committee felt it should not be funded in the 2022 grant round. Seven of the projects aligned with the [TAG Focus Project List](#) (as described in response to [question 2B](#)). Please see the following summary table of funded projects for additional detail:

Table 5: TAG Designations

Yakima Basin Projects Under \$5 million			
Rank	Project	TAG Fund Category	Alignment with Plans and Priorities
1	Thorp Reach Acquisition	High Priority Fund	<p>TAG Focus Action #22: Upper Yakima Floodplain & Side Channel Protection.</p> <p>Steelhead Recovery Plan: Upper Yakima Action #13: Protect & restore floodplain, riparian and in-channel habitats in Upper Yakima, Kittitas and Easton/Cle Elum Reaches.</p>
2	River Mile 89.5 Project – Phase 2	High Priority Fund	<p>TAG Focus Action #5: Wapato Reach Floodplain & Side Channel Restoration.</p> <p>Steelhead Recovery Plan: Lower Mainstem Action #7: Protect and restore mainstem and floodplain habitats below Sunnyside Dam. Basin-wide Action #11: Restore beaver populations. Basin-wide Action #12: Improve recruitment of cottonwoods. Basin-wide Action #13: Address forest health issues.</p>

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Yakima Basin Projects Under \$5 million			
Rank	Project	TAG Fund Category	Alignment with Plans and Priorities
3	Wahtum Creek Culvert Replacement (Design-Build)	Priority Fund	<p>No TAG Focus Action Alignment.</p> <p>Steelhead Recovery Plan:</p> <p>Toppenish Action #4: Complete passage and screening projects in Simcoe Creek.</p>
4	Hanson Ponds 30% Design	Priority Fund	<p>TAG Focus Action #21: Upper Yakima Floodplain & Side Channel Restoration.</p> <p>Steelhead Recovery Plan:</p> <p>Upper Yakima Action #12: Reduce confinement of Upper Yakima River.</p> <p>Upper Yakima Action #13: Protect & restore floodplain, riparian and in-channel habitats in Upper Yakima, Kittitas and Easton/Cle Elum Reaches.</p>
5	Little Creek Channel Complexity – Pilot Project	Priority Fund	<p>No TAG Focus Action Alignment.</p> <p>Steelhead Recovery Plan:</p> <p>Upper Yakima Action #13: Protect & restore floodplain, riparian and in-channel habitats in Upper Yakima, Kittitas and Easton/Cle Elum Reaches.</p> <p>Upper Yakima Action #15: Restore tributary riparian areas.</p> <p>Basin-wide Action #11: Restore beaver populations.</p> <p>Bull Trout Action Plan:</p> <p>Basin-wide Action #1: Restore Healthy Salmon Populations.</p> <p>Upper Yakima Action #2: Improve instream flows below Roza Dam.</p>
6	Swauk Creek: Supplemental Flows P&C Designs	Priority Fund	<p>TAG Focus Action #17: Teanaway, Swauk & Tributaries Instream Flow.</p>

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Yakima Basin Projects Under \$5 million			
Rank	Project	TAG Fund Category	Alignment with Plans and Priorities
			<p>Steelhead Recovery Plan:</p> <p>Upper Yakima Action #4: Improve instream flows in Swauk Creek and Teanaway watersheds.</p> <p>Upper Yakima Action #14: Restore instream and floodplain habitat complexity in Swauk and Taneum creeks and Teanaway and lower Cle Elum rivers.</p> <p>Basin-wide Action #4: Increase irrigation water delivery efficiency.</p> <p>Basin-wide Action #5: Utilize Trust Water Rights Program to improve instream flows.</p>
7	Lower Cowiche Floodplain Restoration Cost Increase	Priority Fund	<p>TAG Focus Action #24: Riparian Reforestation to Protect Stream Temperature.</p> <p>Steelhead Recovery Plan:</p> <p>Naches Action #19: Restore lower Cowiche Creek floodplain.</p> <p>Naches Action #22: Improve riparian, floodplain, and temperature conditions in Cowiche Creek.</p>
8	Tieton River Restoration Site #4	Priority Fund	<p>No TAG Focus Action Alignment.</p> <p>No Recovery Plan Alignment.</p>
9	Whiskey Creek Barriers Design	Fund	<p>No TAG Focus Action Alignment.</p> <p>Steelhead Recovery Plan:</p> <p>Upper Yakima Action #7: Provide fish passage into Upper Naneum Creek.</p> <p>Upper Yakima Action #11: Restore passage, separate irrigation conveyance, and screen diversions in Ellensburg-area tributaries.</p> <p>Upper Yakima Action # 15: Restore tributary riparian areas.</p>

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Yakima Basin Projects Under \$5 million			
Rank	Project	TAG Fund Category	Alignment with Plans and Priorities
10	Cowiche Creek Restoration Design, RM 0.7	Fund	<p>TAG Focus Action #24: Riparian Reforestation to Protect Stream Temperature.</p> <p>Steelhead Recovery Plan:</p> <p>Naches Action #19: Restore lower Cowiche Creek floodplain.</p> <p>Naches Action #22: Improve riparian, floodplain, and temperature conditions in Cowiche Creek.</p>
11	Cabin Creek Restoration Assessment	Fund	<p>No TAG Focus Action Alignment.</p> <p>No Recovery Plan Alignment.</p>
12	Taneum Creek Rehabilitation and Restoration of Recreation Sites	Defer	<p>TAG Focus Action # 18: Teanaway, Swauk, & Taneum Floodplain and Side Channel Restoration.</p> <p>Steelhead Recovery Plan:</p> <p>Upper Yakima Action #14: Restore instream and floodplain habitat complexity in Swauk and Taneum creeks and Teanaway and lower Cle Elum rivers.</p> <p>Upper Yakima Action #15: Restore tributary riparian areas.</p>

Yakima Basin Projects Over \$5 million / Targeted Investment			
Rank	Project	TAG Fund Category	Alignment with Plans and Priorities
N/A	Gap to Gap Ecosystem Restoration, Construction Implementation	Recommended for Funding	<p>TAG Focus Action #7: Yakima River "Gap-to-Gap" Floodplain & Side Channel Restoration.</p> <p>Steelhead Recovery Plan:</p> <p>Lower Mainstem Action #6: Restore mainstem and side channel habitats in the Union Gap reach.</p> <p>Basin-wide Action #11: Restore beaver populations.</p>

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Yakima Basin Projects Over \$5 million / Targeted Investment			
Rank	Project	TAG Fund Category	Alignment with Plans and Priorities
			Basin-wide Action #12: Improve recruitment of cottonwoods.

G. Provides for match above the minimum requirement percentage. Identify the project’s match percentage and the regional match total.

The majority of projects submitted for funding include, where required, match at or just above 15%. Due to the administrative tasks that are involved with reporting on additional match, most of our sponsors prefer to keep their official SRFB match at 15%, but demonstrate additional project support, separate from the SRFB total, on the project budget forms attached in PRISM.

Table 6: Project Budgets

Yakima Basin Projects Under \$5 million				
Project Name (in order of rank)	SRFB Request	Match	% Match	Project Total
Thorp Reach Acquisition	\$940,178	\$175,000	16%	\$1,115,178
River Mile 89.5 Project – Phase 2	\$960,000	\$205,800	18%	\$1,165,800
Wahnum Creek Culvert Replacement (Design-Build)	\$285,000	\$50,798	15%	\$335,798
Hanson Ponds 30% Design	\$147,009	\$25,963	15%	\$172,972
Little Creek Channel Complexity – Pilot Project	\$36,212	\$7,000	16%	\$43,212
Swauk Creek: Supplemental Flows P&C Designs	\$199,298	-	0%	\$199,298
Lower Cowlitz Floodplain Restoration Cost Increase	\$87,366	\$15,802	15%	\$103,168

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Tieton River Restoration Site #4	\$663,855 ³	\$117,151	15%	\$781,006
Whiskey Creek Barriers Design	\$98,800	-	0%	\$98,800
Cowiche Creek Restoration Design, RM 0.7	\$82,660	\$14,650	15%	\$97,310
Cabin Creek Restoration Assessment	\$85,000	\$15,000	15%	\$100,000

Yakima Basin Projects Over \$5 million				
Project Name (not ranked)	SRFB		% Match	Project Total
	Request	Match		
Gap to Gap Ecosystem Restoration, Construction Implementation	\$4,796,974	\$4,951,850	51%	\$9,748,824

H. Involves members of the Veterans Conservation Corps established in Revised Code of Washington 43.60A.150.

To our knowledge, none of our recommended projects involve members of the veteran’s conservation corps.

4. Local Review Processes

A. Provide project evaluation criteria and documentation (local technical reviewer and citizen committee score sheet or comment forms) of the local citizens advisory group

³ Partially funded at \$202,104 in SRFB funding. \$461,751 remains unfunded. YBFWRB is working with the project sponsor to determine if construction will be completed by using funds from other sources or a subsequent grant round, or reducing the scope to align with partial funding.

and technical advisory group ratings for each project, including explanations for differences between the two groups' ratings.**Yakima Basin Fish and Wildlife Recovery Board**

The Technical Advisory Group and the Citizen Committee each have distinctive roles in the evaluation of projects. The Technical Advisory Group is responsible for determining the technical validity of a project, and how valuable the project is to salmonid populations. The Citizen Committee is responsible for evaluating how the project might affect the community, and how much community support the project garnered. The final rank is determined by the Citizen Committee and approved by the Board. The Technical Advisory Group develops a recommended ranking by considering the Salmon Recovery Model matrix score and ten different certainty of success criteria, which include items such as project sequencing, uncertainties and constraints, organizational capacity, and reasonable budget. The Technical Advisory Group then submits its recommended ranking to the Citizen Committee for review. The Citizen Committee evaluates the project based on its set of criteria, and adjusts the Technical Advisory Group's proposed ranking based on its evaluation. The Citizen Committee's proposed project ranking then is submitted to the Board for review. The Board can either approve the list as submitted or remand the list to the Citizen Committee for reconsideration but the Board cannot re-rank projects. This process is set up to meet the requirements of the state statute creating the SRFB and the Lead Entity Program and is designed to ensure that projects proposed for SRFB funding are technically solid, address priority issues, and are broadly supported by diverse community interests.

For the regional and local technical review, we used two sets of criteria to rank projects. The Citizen Committee used its own established set of criteria. The Technical Advisory Group met to evaluate and rank projects qualitatively and through the Salmon Recovery Model and rank projects on July 25-26. The group's proposed ranking and the notes of their meeting were then provided to the Citizen Committee, which met August 4 to rank the projects based on the Citizen Committee's criteria.

The Citizen Committee's final ranked list was presented to and approved by the Board on August 10.

Technical Advisory Group Salmon Recovery Model

The Technical Advisory Group used this tool to award projects a score based on its possible and intended biological benefit. The score is listed at the bottom of the form – projects can receive partial points. This score is adjusted based on four weighting factors; habitat quantity and quality, biological certainty of success, benefit to cost, and longevity of benefit.

Technical Advisory Group Evaluation Form

This worksheet lists several “certainty of success” categories, and Technical Advisory Group members use it as a guide to discuss factors not addressed in the matrix. The main intent of these forms is to maintain consistency in the project evaluations, and to help Lead Entity staff document the discussion.

The Citizen Committee used its community evaluation and scoring criteria, which focuses on cultural, social, educational, and economic considerations, sequencing in relation to other projects, partnerships, community support, and efficient and effective resource use.

A full description of the Yakima Basin Fish and Wildlife Recovery Board Lead Entity process can be found in our [Lead Entity Manual](#).

Please see question 5B and attached ranking forms for project specific details.

Klickitat County Lead Entity

In the Klickitat County Lead Entity’s portions of the Lower and Middle Columbia Salmon Recovery Regions, the Klickitat County Lead Entity process was followed. In the Klickitat Lead Entity, the Klickitat Citizens Review Committee guides decisions for the Klickitat Lead Entity, with support from the Klickitat Technical Committee.

A regional recovery plan has not been developed under Revised Codes of Washington 77.85.090 and 77.85.150 for any portion of the Klickitat County Lead Entity’s area. Projects were evaluated for fit to the Klickitat Lead Entity Salmon Recovery Strategy (April 2021), which is the adaptive management strategy developed pursuant to Revised Code of Washington 77.85.060(2)(e). The Klickitat Lead Entity Salmon Recovery Strategy references currently known stock assessment information and assessment work performed within the region, including the Middle Columbia River Steelhead Distinct Population Segment ESA Recovery Plan that was developed by NOAA-Fisheries. This recovery plan specifically addressed WRIA 30 in Appendix B: Recovery Plan for the Klickitat River Population of the Middle Columbia River Steelhead Distinct Population Segment, and addresses WRIA 31 in Appendix C: Recovery Plan for the Rock Creek Population of the Middle Columbia River Steelhead Distinct Population Segment. The Klickitat Lead Entity Salmon Recovery Strategy also cites stock assessment information in the salmon and steelhead recovery plan developed by NOAA-Fisheries for the White Salmon River (WRIA 29b) populations of Endangered Species Act-listed steelhead and salmon. These recovery plans include stock assessments by the NOAA-Fisheries’ lower and middle Columbia regional technical teams.

Appendix H – Regional Summaries

Middle Columbia River Salmon Recovery Region

The Klickitat County Lead Entity’s project review process proceeded as follows. Prospective project sponsors initially met with the Klickitat Technical Committee and Klickitat Citizens Review Committee. Project sponsors presented their project idea and preliminary budgets and received technical and community feedback. Project sponsors updated their project proposal based on this local feedback as well as technical feedback from the SRFB Review Panel.

Project sponsors presented revised project proposals to the Klickitat Technical Committee, which evaluated the projects based on technical criteria. A project list with technical ranking recommendations was developed and provided to the Klickitat Citizens Review Committee along with a description of the considerations affecting the evaluation of each project.

Project sponsors then presented their projects to the Klickitat Citizens Review Committee for final prioritization. Klickitat Citizens Review Committee members evaluated the projects based on the same technical criteria utilized by the Klickitat Technical Committee plus two community interest criteria. Input received from the Klickitat Technical Committee was considered as part of this ranking process. A draft project ranking list was developed based on the evaluation criteria, and then the ranking list was discussed until the Citizens Review Committee came to a consensus.

The Klickitat Technical and Citizens Review Committees evaluated projects based on the following criteria:

- Habitat features and process
- Areas and actions (as identified in the Klickitat Lead Entity Salmon Recovery Strategy)
- Scientific
- Life History & Species
- Costs
- Project Scope
- Sequence
- Stewardship
- Landowner willingness
- Implementation readiness

Appendix H – Regional Summaries

Middle Columbia River Salmon Recovery Region

- Community Issues and Support (Citizens Review Committee only)

The 2022 project rankings for the Mid-Columbia allocation were consistent between the two local committees; each committee ranked the projects in the same order. For both committees, project scores were high and quite close in scoring, demonstrating that both 2022 projects were technically sound and had strong community support.

Both committees expressed their gratitude for more funding for the 2022 grant round. In the absence of this additional funding, the Klickitat County LE would not have been able to fully fund both proposals.

B. Identify the local technical review team (include expertise, names, and affiliations of members).

Table 7: Yakima Basin Fish and Wildlife Recovery Board

Name	Affiliation	Expertise
Shannon Adams	Yakama Nation	Habitat Coordinator
Marc Divens	WA Department of Fish & Wildlife	District 8 Fish Biologist
Sean Gross	NOAA-Fisheries	Fisheries Biologist
Anna Lael	Kittitas County Conservation District	District Manager
Pat Monk	Bureau of Reclamation	Fisheries Biologist
Jennifer Nelson	Washington Department of Fish and Wildlife	Fish and Wildlife Biologist
Katy Pfannenstien	US Fish and Wildlife Service	Fish Biologist
Jason Romine	U.S. Fish and Wildlife Service	Fish Biologist
Danielle Squeochs	Confederated Tribes and Bands of the Yakama Nation	Hydrologist
Luke Stilwater	Yakima County Public Services	Natural Resource Specialist
Arden Thomas	Kittitas County	Water Resource Manager
Rebecca Wassell	Mid-Columbia Fisheries Enhancement Group	Yakima Basin Program Director

Table 8: Klickitat County Lead Entity

Name	Affiliation	Expertise
Brady Allen	Bonneville Power Administration	Fish Biologist
Jill Hardiman	US Geological Survey	Fisheries Biologist
Loren Meagher	Central and Eastern Klickitat Conservation Districts	Engineer
Adrienne Grimm	Yakama Nation Fisheries Program	Hydrologist and Ecologist
Margaret Neuman	Mid-Columbia Regional Fisheries Enhancement Group	Salmon Recovery Project Management
Tova Tillinghast	Underwood Conservation District	Natural Resource Restoration and Conservation

Appendix H – Regional Summaries

Middle Columbia River Salmon Recovery Region

Joe Zendt	Yakama Nation Fisheries Program	Fish and Habitat Biologist
Diane Hopster	US Forest Service	Hydrologist
Amber Johnson	WA Department of Fish and Wildlife	Habitat Biologist
Gardner Johnston	Inter-Fluve	Hydrologist
Sharon Frazey	WA Department of Natural Resources	Ecologist
Nathan Ulrich	Columbia Land Trust	Conservation Acquisition

All voting members are independent of a regional organization as they work with the lead entity as representatives of their field of expertise.

C. Explain how and when the SRFB Review Panel participated in the local process, if applicable.

Yakima Basin Fish and Wildlife Recovery Board

SRFB Review Panel members Tom Slocum and Jeanette Smith attended in-person project site tours spanning May 11-12 and virtual site tours held May 13. Gap to Gap Ecosystem Restoration, Construction Implementation and Swauk Creek: Supplemental Flows P&C Designs were presented virtually with visuals due to the difficulty in picking one site to visit that is representative of restorations projects of this size. Cabin Creek Restoration Assessment was presented virtually due to its remote location and difficulty in safely accessing it. They also attended a site visit recap and discussion on May 13. Lead Entity staff provided a tour packet including project details, photos, cost estimates, and maps. Review panel members asked questions, provided feedback, and addressed their concerns with staff and applicants during the site tours.

Lead Entity staff summarized the on-site discussion and potential concerns expressed during the site tours and site visit recap meeting and requested edits and additions from the local committee and review panel members. These were sent to project sponsors soon after the site visits. The Board received review panel comments in late May. These comments were shared with applicants, the Technical Advisory Group and Citizen Committee members, and applicants were asked to respond to questions and address these issues to strengthen their proposals as they entered them into PRISM.

On June 7, project sponsors whose projects were listed as “Needs More Information” or “Project of Concern” following site tours, had the opportunity to clarify feedback from the state review panel. Both representatives of the state review panel, RCO staff, Lead Entity staff, and project sponsors were present. Lead Entity staff worked with sponsors prior to the

call to develop their clarifying questions. The Board is pleased with how well review panel involvement enhances their review process.

Klickitat County Lead Entity

SRFB Review Panel Members Michelle Cramer and Jen O'Neal attended the Klickitat Lead Entity virtual project site tour on May 12, 2022. The White Creek Wood Replenishment Phase 2 Project was presented virtually due to remote site location and difficult site access. The Upper Rattlesnake Creek Conservation Cost Increase Project was also presented virtually due to difficult site access and because the scale of the conservation project was more meaningfully communicated with photos and aerial footage. Review Panel members were provided with project materials two weeks in advance of the site tour. During the tour, the Review Panel asked questions, provided feedback, and addressed their concerns with lead entity staff and applicants.

The Lead Entity summarized key Review Panel comments and takeaways from the site tour and provided this feedback to the project sponsors immediately. The White Creek project sponsor also received preliminary comments from the Review Panel on May 24. The other project, Rattlesnake Creek, did not receive formal Review Panel comments because it was a cost increase proposal, but the sponsor did receive and incorporate informal feedback provided during the site tour into their final cost amendment request.

On June 9th, the sponsor of the White Creek Project had the opportunity to clarify feedback and ask additional follow up questions of the Review Panel. This was a good opportunity for the sponsor to better understand Review Panel concerns and what materials the Review Panel needed to fully evaluate the project (e.g. LiDAR data). The Lead Entity worked with the sponsor in advance of and after the call to ensure Review Panel comments and concerns were addressed, and we believe the discussion helped the sponsor strengthen their final proposal.

Project sponsors reviewed and incorporated SRFB Review Panel feedback into their final applications. Project sponsors were required to submit written responses to SRFB Review Panel questions and concerns. SRFB Review Panel comments and project sponsor responses were made available to the Klickitat Lead Entity Technical Committee and Citizens Review Committee for their consideration in advance of project ranking. Review comments were also discussed at the committee ranking meetings.

5. Local evaluation process and project lists.

A. Explain how multi-year implementation plans or Salmon Recovery Portal helped to develop project lists**Yakima Basin Fish and Wildlife Recovery Board**

The August 2009 Yakima Steelhead Recovery Plan outlines a list of recommended recovery actions that will contribute to restoring steelhead to viable levels in the Yakima basin; the Yakima Bull Trout Action Plan identified specific priority actions that will contribute to recovering bull trout populations in the Yakima Basin. Project applicants were asked to identify the actions that pertained to their projects in their applications.

The YBFWRB Focus Project List was added to our Lead Entity process in 2013. In response to committee members request to improve the fit between SRFB proposals and the biological priorities that Technical Advisory Group participants feel need to be addressed, a Technical Advisory Group working group convened to develop a process to identify and describe focus actions. The result of this process was the YBFWRB [Focus Project List](#). It helps identify the most timely/urgent of the high priority Salmon Recovery Funding Board (SRFB) projects and apply those funding resources to projects that represent the most immediate needs of priority species. The list was last reviewed and updated in late 2021.

The list is used to:

- Give the Technical Advisory Group a way to proactively guide Yakima Basin SRFB funding towards high priority actions.
- Provide guidance to sponsors deciding what types of projects to pursue and propose.
- Strengthen the link between the SRFB project review criteria and recovery plan priorities.

Klickitat County Lead Entity

The *Klickitat Lead Entity Salmon Recovery Strategy* is the basis for project prioritization and work schedule development. This strategy has a priority matrix that identifies priority sub-basins and reaches for salmon recovery work with associated salmonid species, life history significance, limiting habitat features, action priority ranking, specific habitat actions and rational, habitat forming processes, and possible community interests and concerns. This strategy and matrix are updated annually, or as needed if not annually, to reflect project completion and new information and data. All projects submitted for the

2022 SRFB grant round address priority reaches and habitat issues identified in the *Klickitat Lead Entity Salmon Recovery Strategy*. Project evaluation criteria for each grant round include a specific question about whether or not the proposal addresses a high priority geographic area and action for salmon recovery; projects that do receive a higher score.

B. Explain how finalized project lists address the comments of technical, citizen, and policy reviews. Were there any issues about projects on the list and how were those resolved?

Yakima Basin Fish and Wildlife Recovery Board

We provided each sponsor with a summary of comments and suggestions after site visits. In order to provide clear feedback to project sponsors, the Technical Advisory Group iteratively edited feedback after the site visits to identify disagreements and red flag issues. This allowed consensus to develop and the Technical Advisory Group was able to provide sponsors with written feedback. Each Project Sponsor is then provided a Comment Matrix form which includes one section with comments from the local TAG and CC members captured during site visits and sponsor presentation, and a second section that lists comments and questions from the state review panel members. Sponsors are asked to respond to concerns on the Comment Matrix and upload the document in PRISM with "Comment Matrix" as part of the tile. The goal of using the matrix is to let reviewers know how the Sponsor addressed the issue and direct them to where they can find the details. Sponsors are also reminded that completing this Matrix does not replace the need to respond to Review Panel comments in their application. As we moved through each evaluation feedback loop, sponsors considered the feedback received and modified their proposals as appropriate. All issues identified were to be addressed four weeks before the Technical Advisory Group review.

Upon completion of the Technical Advisory Group's review and scoring, the lead entity's Citizen Committee reviews and ranks the projects. Citizen Committee members may include individual citizens, local, state, federal, and tribal government representatives; community groups; environmental and fisheries groups; conservation districts; and industry. The Citizen Committee is critical to ensure that biological priorities and projects identified by the Technical Advisory Group have the necessary community support for success. Citizen Committee members are often the best judges of the community's social, cultural, and economic values as they apply to salmon recovery, and they can assess how to increase community support over time through the implementation of

habitat projects. The Citizen Committee reviews the Technical Advisory Group's proposed project ranking and adjusts it based on the results of their evaluation of community values. Community values considered include: cultural, social, educational, and economic considerations, sequencing in relation to other projects, partnerships, community support, and efficient and effective resource use. The Citizen Committee develops the final recommended ranked project list. The committee takes the recommendations of the Technical Advisory Group into consideration, but they are not obligated to maintain the same ranking given to projects by the Technical Advisory Group if they feel a project's ranking needs to be adjusted based the Citizen Committee's evaluation.

The TAG moved Taneum Creek Rehabilitation and Restoration of Recreation Sites (22-1383) down from its original placement on the ranked list due to its relatively low benefits for the cost, especially now that vehicle access has been blocked to most dispersed camping sites slated for closure. The Citizen Committee subsequently decided to defer this project based upon concerns about the community's perception of the closure of these sites. As a result, the Whiskey Creek Barriers Design (22-1631), Cowiche Creek Restoration Design, RM 0.7 (22-1573), and Cabin Creek Restoration Assessment (22-1567) projects were ranked higher by the Citizen Committee than by the TAG.

On August 10, the Board met and reviewed the ranked lead entity list submitted by the Citizen Committee, and approved the list unanimously.

Klickitat County Lead Entity

Sponsors are provided with comments from local review committees, the SRFB review panel, and the RCO grant manager at multiple stages in the application process. This feedback is used to strengthen proposals. Sponsors first receive written and verbal feedback from the Klickitat Technical and Citizens Review Committees prior to submitting their draft application in PRISM. This initial feedback is used as a first filter to make sure that projects align with Klickitat Lead Entity priorities and to identify local technical considerations and community perspectives that could strengthen the proposal. After submitting their draft applications, sponsors then receive another round of feedback from the SRFB Review Panel, the RCO grant manager, and local committees. Comments received on the draft application are used to refine the final project proposal, ensuring that the project meets both state and local technical criteria and reflects community considerations that will help build overall support for salmon recovery. In

2022, there were no local issues with our project list – both committees had the same rank order for projects.

The Klickitat Lead Entity receives SRFB funding out of both the Lower Columbia Region allocation and the Middle Columbia Region allocation, 2.7% this year and 30% respectively. Typically, Middle Columbia Region allocation dollars are used to fund projects in WRIA 30 (Klickitat Basin) and 31 (Rock Creek Basin). Occasionally, Middle Columbia Region allocation dollars are also used to fund projects in WRIA 29b (White Salmon Basin), when the project has a clear benefit to Middle Columbia steelhead. WRIA 29b is a transitional basin that has both Lower and Middle Columbia stocks. In 2022, there was one project in the White Salmon Basin that requested use of Middle Columbia Region funds – a cost increase proposal for 21-1241 (Upper Rattlesnake Creek Conservation). This project was only partially funded in the 2021 grant round, and returned to the 2022 grant round to secure full funding.

Project List Summary Table

Following is a project list summary table for the region. For the Middle Columbia River Salmon Recovery Region, there are 9 projects submitted by the Yakima Basin Fish and Wildlife Recovery Board. This includes \$2,857,167 in SRFB funding for 8 projects with budgets under \$5 million each and a SRFB funding level to be determined based on decisions about additional sources of funding for 1 project over \$5 million. The Middle Columbia Region also has 3 alternate projects totaling \$266,460. To maintain a federal nexus to qualify some projects for indirect costs, YBFWRB staff will work with RCO fiscal staff to determine whether federal PCSRF and state PCSRF match or supplemental state capital funding of projects under \$5 million each will be used to fund projects. The remaining \$1,224,500 of the Mid-Columbia allocation will be used by the Klickitat Lead Entity. They will use \$735,388 in the 2022 grant round and roll over \$489,112 for the 2023 grant round. The 2022 funding includes \$490,388 approved by the Yakima Basin Fish and Wildlife Recovery Board for use in the White Salmon River Watershed (WRIA 29b) in the Lower Columbia geographic area for a project that benefits Mid-Columbia Steelhead. If this project does not move forward for any reason, we request a transfer of those funds back to the Yakima Basin Lead Entity to help fund our alternate projects.

Table 9: Yakima Basin Fish and Wildlife Recovery Board Proposed Projects

Yakima Basin Projects Under \$5 million					
Rank	Project Number	Name	Sponsor	Primary Fish Stock Benefited	Priority in Recovery Plan or Strategy
1	22-1246	Thorp Reach Acquisition	Kittitas Conservation Trust	Steelhead, Chinook, Bull Trout, and Other Resident Trout	<p>TAG Focus Action #22: Upper Yakima Floodplain & Side Channel Protection.</p> <p>Steelhead Recovery Plan: Upper Yakima Action #13: Protect & restore floodplain, riparian and in-channel habitats in Upper Yakima, Kittitas and Easton/Cle Elum Reaches.</p>
2	22-1571	River Mile 89.5 Project – Phase 2	Yakama Nation	Steelhead, Chinook, Lamprey	<p>TAG Focus Action #5: Wapato Reach Floodplain & Side Channel Restoration.</p> <p>Steelhead Recovery Plan: Lower Mainstem Action #7: Protect and restore mainstem and floodplain habitats below Sunnyside Dam. Basin-wide Action #11: Restore beaver populations. Basin-wide Action #12: Improve recruitment of cottonwoods. Basin-wide Action #13: Address forest health issues.</p>
3	22-1576	Wahtum Creek Culvert Replacement (Design-Build)	Yakama Nation	Steelhead, Lamprey	<p>No TAG Focus Action Alignment.</p> <p>Steelhead Recovery Plan:</p>

Yakima Basin Projects Under \$5 million					
Rank	Project Number	Name	Sponsor	Primary Fish Stock Benefited	Priority in Recovery Plan or Strategy
					Toppenish Action #4: Complete passage and screening projects in Simcoe Creek.
4	22-1523	Hanson Ponds 30% Design	Kittitas Conservation Trust	Steelhead, Chinook, Bull Trout, and Other Resident Trout	<p>TAG Focus Action #21: Upper Yakima Floodplain & Side Channel Restoration.</p> <p>Steelhead Recovery Plan:</p> <p>Upper Yakima Action #12: Reduce confinement of Upper Yakima River.</p> <p>Upper Yakima Action #13: Protect & restore floodplain, riparian and in-channel habitats in Upper Yakima, Kittitas and Easton/Cle Elum Reaches.</p>
5	22-1575	Little Creek Channel Complexity – Pilot Project	Trout Unlimited	Steelhead, Chinook, Coho, and Bull Trout	<p>No TAG Focus Action Alignment.</p> <p>Steelhead Recovery Plan:</p> <p>Upper Yakima Action #13: Protect & restore floodplain, riparian and in-channel habitats. in Upper Yakima, Kittitas and Easton/Cle Elum Reaches.</p> <p>Upper Yakima Action #15: Restore tributary riparian areas.</p> <p>Basin-wide Action #11: Restore beaver populations.</p> <p>Bull Trout Action Plan:</p>

Yakima Basin Projects Under \$5 million					
Rank	Project Number	Name	Sponsor	Primary Fish Stock Benefited	Priority in Recovery Plan or Strategy
					Basin-wide Action #1: Restore Healthy Salmon Populations. Upper Yakima Action #2: Improve instream flows below Roza Dam.
6	22-1614	Swauk Creek: Supplemental Flows P&C Designs	Trout Unlimited	Steelhead, Chinook, and Resident Trout	TAG Focus Action #17: Teanaway, Swauk & Tributaries Instream Flow. Steelhead Recovery Plan: Upper Yakima Action #4: Improve instream flows in Swauk Creek and Teanaway watersheds. Upper Yakima Action #14: Restore instream and floodplain habitat complexity in Swauk and Taneum creeks and Teanaway and lower Cle Elum rivers. Basin-wide Action #4: Increase irrigation water delivery efficiency. Basin-wide Action #5: Utilize Trust Water Rights Program to improve instream flows.
7	22-1527	Lower Cowiche Floodplain Restoration Cost Increase	Mid-Columbia Fisheries Enhancement Group	Steelhead, Bull Trout	TAG Focus Action #24: Riparian Reforestation to Protect Stream Temperature. Steelhead Recovery Plan: Naches Action #19: Restore lower Cowiche Creek floodplain. Naches Action #22: Improve riparian, floodplain, and temperature conditions in Cowiche Creek.

Yakima Basin Projects Under \$5 million					
Rank	Project Number	Name	Sponsor	Primary Fish Stock Benefited	Priority in Recovery Plan or Strategy
8	22-1485	Tieton River Restoration Site #4	Yakama Nation	Steelhead, Bull Trout	No TAG Focus Action Alignment. No Recovery Plan Alignment.
9 ALT	22-1631	Whiskey Creek Barriers Design	Mid-Columbia Fisheries Enhancement Group	Steelhead, Chinook, Resident Trout, Lamprey	No TAG Focus Action Alignment. Steelhead Recovery Plan: Upper Yakima Action #7: Provide fish passage into Upper Naneum Creek. Upper Yakima Action #11: Restore passage, separate irrigation conveyance, and screen diversions in Ellensburg-area tributaries. Upper Yakima Action # 15: Restore tributary riparian areas.
10 ALT	22-1573	Cowiche Creek Restoration Design, RM 0.7	Mid-Columbia Fisheries Enhancement Group	Steelhead, Bull Trout	TAG Focus Action #24: Riparian Reforestation to Protect Stream Temperature. Steelhead Recovery Plan: Naches Action #19: Restore lower Cowiche Creek floodplain. Naches Action #22: Improve riparian, floodplain, and temperature conditions in Cowiche Creek.
11 ALT	22-1567	Cabin Creek Restoration Assessment	Mid-Columbia Fisheries Enhancement Group	Steelhead, Chinook, Bull Trout, and Other Resident Trout	No TAG Focus Action Alignment. No Recovery Plan Alignment.

Yakima Basin Projects Under \$5 million					
Rank	Project Number	Name	Sponsor	Primary Fish Stock Benefited	Priority in Recovery Plan or Strategy
12 Defer	22-1383	Taneum Creek Rehabilitation and Restoration of Recreation Sites	Mid-Columbia Fisheries Enhancement Group	Steelhead, Chinook, Bull Trout, and Other Resident Trout	<p>TAG Focus Action # 18: Teanaway, Swauk, & Taneum Floodplain and Side Channel Restoration.</p> <p>Steelhead Recovery Plan:</p> <p>Upper Yakima Action #14: Restore instream and floodplain habitat complexity in Swauk and Taneum creeks and Teanaway and lower Cle Elum rivers.</p> <p>Upper Yakima Action #15: Restore tributary riparian areas.</p>

Yakima Basin Projects Over \$5 million					
Rank	Project Number	Name	Sponsor	Primary Fish Stock Benefited	Priority in Recovery Plan or Strategy
N/A	22-1579	Gap to Gap Ecosystem Restoration, Construction Implementation	Yakima County	Steelhead, Chinook, and Bull Trout	<p>TAG Focus Action #7: Yakima River “Gap-to-Gap” Floodplain & Side Channel Restoration.</p> <p>Steelhead Recovery Plan:</p> <p>Lower Mainstem Action #6: Restore mainstem and side channel habitats in the Union Gap reach.</p> <p>Basin-wide Action #11: Restore beaver populations.</p> <p>Basin-wide Action #12: Improve recruitment of cottonwoods.</p>

Klickitat Lead Entity Projects					
Rank	Project Number	Name	Sponsor	Primary Fish Stock Benefited	Priority in Recovery Plan or Strategy
1	22-1547	White Creek Wood Replenishment Phase 2	Yakama Nation	Steelhead	Priority A reach and Priority A action in the Klickitat Lead Entity Salmon Recovery Strategy
2	21-1241	Upper Rattlesnake Creek Conservation (cost increase request to secure full funding for project implementation)	Columbia Land Trust	Steelhead, Coho	Priority A reach and Priority A action in the Klickitat Lead Entity Salmon Recovery Strategy