

2018 SRFB Project Proposals - Summary Information

Project Name	Subbasin	Assessment Unit(s) Affected	Project Category	Protection Priority	Restoration Priority	Primary Ecological Concern (EC)	Primary EC Priority(s) in each AU affected	Secondary ECs	Primary Species	Secondary Species	Outcome 1	Outcome 2
Burns-garrity Perennial Sidechannel	Methow	Methow-Lower Chewuch	Restoration	1	4	Peripheral and Transitional Habitats (Side Channel and Wetland Conditions)	2	Peripheral and Transitional Habitat (Floodplaining Condition)	Spring Chinook	Steelhead, Bull Trout, Lamprey	5 miles of off channel side channel habitat with wood structures throughout	4 acres of native planting
Upper Beaver Creek Feasibility & Design	Methow	Methow-Beaver	Design	2	5	Habitat Quantity (Anthropogenic Barriers)	They are ranked #3 and #2, respectively. Project would also improve riparian condition (#4)	Channel structure and form (Bed and Channel Form)	Steelhead	Sprink Chinook, Bull Trout	This project will result in a preliminary design for a preferred alternative to restore passage to 3.2 miles of accessible habitat in Beaver Creek, by restoring constructed roughened channels at two irrigation diversions (Batie and Marracci).	The project will also address floodplain connectivity, habitat complexity and improvement and reconnection of up to 4.4 acres of off-channel wetlands and 0.31 miles of groundwater-fed secondary channel. The project will also identify the need for, and landowner willingness for acquisition of portions of several adjacent private properties.
Twisp Floodplain Left Bank Alcove Restoration	Methow	Methow-Lower Twisp	Restoration	1	2	Peripheral and Transitional Habitats (Side Channel and Wetland Conditions)	4 and 6	Riparian Condition (Riparian Condition)	Spring Chinook	Steelhead	Riparian habitat - 3.07 acres restored; Wetland acres improved - 2.6 acres; Passage improved – culvert removal opens access to wetland complex; Water quality improvement – perennial tributary creek to Twisp River w/ previously unquantified flow.	
Methow Watershed Riparian Stewardship Program II	Methow	Methow- Beaver Methow- Lower Twisp Methow- Middle Methow	Restoration	Methow- Beaver- 2 Methow- Lower Twisp- 1 Methow- Middle Methow - 1	Methow- Beaver- 5 Methow- Lower Twisp- 2 Methow- Middle Methow - 6	Riparian Condition (Riparian Condition)	Riparian condition: 5-6-4 (Methow, Twisp, and Beaver Cr, respectively),	Water Quality (Temperature)	Spring Chinook	Steelhead, Bull Trout	The proposed treatments adds more than 15 acres of riparian treatment and 1.77 miles of stream bank treated to the previous 47.8 acres and 2.69 miles treated under the prior award.	
Methow Beaver Project - Beavers and Anadromy	Methow	Methow- Beaver Methow- Lower Twisp Methow- Middle Methow Methow- Upper Methow Methow- Upper-Middle Methow	Restoration	Methow- Beaver- 2 Methow- Lower Twisp- 1 Methow- Middle Methow - 1 Methow- Upper Methow - 1 Methow- Upper-Middle Methow - 1	Methow- Beaver- 5 Methow- Lower Twisp- 2 Methow- Middle Methow - 6 Methow- Upper Methow - 1 Methow- Upper-Middle Methow - 3	Peripheral and Transitional Habitats (Side Channel and Wetland Conditions)	Peripheral and Transitional Habitats is ranked between 1 in the Middle Methow to 4 in the Lower Twisp. Water Quality ranks #2 in the Lower Twisp.	Water Quality (Temperature)	Steelhead	Spring Chinook	1.5 acres of off-channel habitat reconnected, expand wetlands by 1.0 acres, improve instream habitat in approximately 0.5 miles of river.	
Upper Methow Goat Creek Conservation Easement	Methow	Methow-Upper Methow	Protection	1	1				Spring Chinook	Steelhead, Bull Trout	Protect approximately 0.5 miles of streambank and 21.3 acres of habitat. (The total project area is 25.3 of which 4 acres is being reserved for residential development.)	
Hancock Springs Restoration Phase 4	Methow	Methow-Upper-Middle Methow	Restoration	1	3	Channel Structure and Form (Bed and Channel Form)	1	Channel Structure and Form (Instream Structural Complexity)	Spring Chinook	Steelhead, Bull Trout	0.46 miles of channel reconfigured; 0.95 acres wetland created; 0.25 acres upland treated	
Lower Entiat Tributaries - Habitat Assessments	Entiat	Entiat-Mad River, Entiat-Middle Entiat (Stillwater Reach, Entiat-Upper-Middle Entiat	Assessment	Entiat- Mad River- 2 Entiat- Middle Entiat (Stillwater Reach)- 1 Entiat- Upper-Middle Entiat- 3	Entiat- Mad River- 4 Entiat- Middle Entiat (Stillwater Reach)- 1 Entiat- Upper-Middle Entiat- 3	Channel Structure and Form (Bed and Channel Form)	1, 2	Sediment Conditions (Increased Sediment Quantity)	Steelhead	Steelhead, Spring Chinook, Bull Trout		
Entiat Basin Fish Passage and Screening Assessment	Entiat	Entiat-Middle Entiat (Stillwater Reach)	Assessment	1	1	Habitat Quantity (Anthropogenic Barriers)		Peripheral and Transitional Habitats (Side Channel and Wetland Conditions)	Steelhead	Bull Trout	Comprehensive fish passage and screening assessment	
Cottonwood Flats - Entiat Floodplain Restoration	Entiat	Entiat-Middle Entiat (Stillwater Reach)	Restoration		4	Peripheral and Transitional Habitats (Side Channel and Wetland Conditions)	2 and 3	Channel Structure and Form (Instream Structural Complexity)	Spring Chinook	Steelhead, Bull Trout	>6 acres off channel habitat	
Middle Entiat Restoration - Area F (RM 16.2-16.7)	Entiat	Entiat-Middle Entiat (Stillwater Reach)	Restoration/Protection	1	1	Channel Structure and Form (Bed and Channel Form)	1 and 2	Peripheral and Transitional Habitats (Side Channel and Wetland Conditions)	Spring Chinook	Steelhead, Spring Chinook, Bull Trout	4.89 total acres of Wetland created and rehabilitated; 0.69 acres of new channels	
Chumstick Creek Fish Passage Barrier- Motteler Road	Wenatchee	Wenatchee- Chumstick Creek	Restoration			Habitat Quantity (Anthropogenic Barriers)		Peripheral and Transitional Habitat (Floodplaining Condition)	Spring Chinook	Steelhead	1 mile fish passage	
Monitor Side Channel Construction	Wenatchee	Wenatchee-Lower Wenatchee	Restoration	3	5	Peripheral and Transitional Habitats (Side Channel and Wetland Conditions)	1 and 2	Riparian Condition (Riparian Condition)	Spring Chinook	Steelhead	6 EL's constructed to enhance 1600' of side channel.	
Sleepy Hollow Side Channel Design	Wenatchee	Wenatchee- Lower Mainstem (Mouth to Tumwater Canyon)	Design	3	5	Peripheral and Transitional Habitats (Side Channel and Wetland Conditions)	1 and 2	Riparian Condition (Riparian Condition)	Spring Chinook	Steelhead, Spring Chinook, Bull Trout	Improves flows and groundwater connections to 37 acres of floodplain.	Improves access and overwintering habitat in 4,000 linear feet of side channel.

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Napeequa Side Channel Connection	Wenatchee	Wenatchee-White River	Restoration	1	NA	Peripheral and Transitional Habitats (Side Channel and Wetland Conditions)	1	Habitat Quantity (Anthropogenic Barriers)	Spring Chinook	Steelhead	Reconnection of an extensive forested side channel	
Ecology of Fear - Habitat Diversity Lake Wenatchee	Wenatchee	Wenatchee-Lake Wenatchee	Monitoring	NA	NA	Other			Spring Chinook		NA	
Peshastin Mill - Larsen Side Channel Design	Wenatchee	Wenatchee-Peshastin	Design	4	4	Peripheral and Transitional Habitats (Side Channel and Wetland Conditions)	4 and 2	Channel Structure and Form (Bed and Channel Form)	Steelhead	Spring Chinook, Bull Trout, Coho	8 acres floodplains reconnected. 0.5 miles side channel connected. 2 LWD structures added.	
Sand Creek Fish Passage Improvement	Wenatchee	Wenatchee-Mission Creek	Restoration	4	6	Habitat Quantity (Anthropogenic Barriers)	4	Channel Structure and Form (Instream Structural Complexity)	Steelhead	Steelhead, Spring Chinook, Bull Trout	Improve access for steelhead and resident trout species to over 3 miles of upstream habitat within Sand Creek. This project would also promote natural stream channel processes, in turn addressing water quality and quantity issues within the Mission Creek drainage.	
Mill Creek Fish Passage Improvement	Wenatchee	Wenatchee-Peshastin	Restoration	4	4	Habitat Quantity (Natural Barriers)	5 and 4	Peripheral and Transitional Habitats (Side Channel and Wetland Conditions)	Steelhead	Spring Chinook, Bull Trout	1 complete barrier removed, 2 miles of habitat made accessible	
Wenatchee Basin Bull Trout Assessment	Wenatchee	Wenatchee- Chiwawa River Wenatchee- Chumstick Creek Wenatchee- Little Wenatchee Wenatchee- Mission Creek Wenatchee- Nason	Assessment	Wenatchee- Chiwawa River- NA Wenatchee- Chumstick Creek- NA Wenatchee- Little Wenatchee- NA Wenatchee- Mission Creek- 6 Wenatchee- Nason- 1	Wenatchee- Chiwawa River- NA Wenatchee- Chumstick Creek- NA Wenatchee- Little Wenatchee- NA Wenatchee- Mission Creek- 6 Wenatchee- Nason- 1	Other	This assessment project spans multiple assessment units. The primary ecological concern addressed is population level effects, however identified projects may go on to address several ecological concerns, including habitat quantity, channel structure and form, and riparian condition, which range in ranking from 2-6.	Habitat Quantity (Anthropogenic Barriers)	Bull Trout	Steelhead, Spring Chinook	42 Miles surveyed, 87 stream miles sampled, 5 projects identified to address various metrics, including fish passage, riparian and upland habitat, instream habitat.	
Squilchuck Chreek Pedestrian Bridge Design	Wenatchee		Design			Habitat Quantity (Anthropogenic Barriers)	NA	Peripheral and Transitional Habitats (Side Channel and Wetland Conditions)	Steelhead	Spring Chinook	Removal of one complete barrier	1 mile of habitat made accessible
Peshastin Creek Barrier Removal	Wenatchee	Wenatchee-Peshastin	Restoration		4	Habitat Quantity (Anthropogenic Barriers)	3 and 5	Water Quality (Temperature)	Steelhead	Spring Chinook	3.5 miles of habitat quantity	
Larsen Creek Tributary Enhancement	Wenatchee	Wenatchee-Peshastin	Restoration	4	4	Water Quantity (Decreased Water Quantity)	1 and 4	Peripheral and Transitional Habitats (Side Channel and Wetland Conditions)	Steelhead	Spring Chinook	This project will provide access to and improve 1.7 miles of steelhead tributary habitat.	
Merrit Oxbow Feasibility & Design	Wenatchee	Wenatchee-Nason	Design	1	1	Peripheral and Transitional Habitats (Side Channel and Wetland Conditions)	1 and 2	Channel Structure and Form (Bed and Channel Form)	Spring Chinook	Steelhead, Bull Trout, Cutthroat Trout	Instream habitat: Acres of off-channel connected. Channel reconfiguration and connectivity - off-channel stream created. Total length of instream habitat treated	
Goodwin Side Channel Feasibility & Design	Wenatchee	Wenatchee- Lower Mainstem (Mouth to Tumwater Canyon)	Design	NA	NA	Peripheral and Transitional Habitats (Side Channel and Wetland Conditions)	1	Peripheral and Transitional Habitats (Floodplain Condition)	Spring Chinook	Steelhead	reconnecting floodplain and side channel, increase rearing	
Wenatchee EDT Model Assessment	Wenatchee	Wenatchee- Chiwawa River Wenatchee- Chumstick Creek Wenatchee- Icicle Creek Wenatchee- Lake Wenatchee Wenatchee- Lake Wenatchee Wenatchee- Little Wenatchee Wenatchee- Lower Mainstem Wenatchee- Lower Mainstem (Mouth to Tumwater Canyon)- NA Wenatchee- Lower Wenatchee Wenatchee- Lower Mainstem (Mouth to Tumwater Canyon) Wenatchee- Lower Wenatchee Wenatchee- Middle Wenatchee River Wenatchee- Mission Creek Wenatchee- Nason Wenatchee- Peshastin Wenatchee- Upper	Assessment	Wenatchee- Chiwawa River- 1 Wenatchee- Chumstick Creek- 4 Wenatchee- Icicle Creek- 3 Wenatchee- Lake Wenatchee- NA Wenatchee- Little Wenatchee- 2 Wenatchee- Lower Mainstem (Mouth to Tumwater Canyon)- NA Wenatchee- Lower Wenatchee- 3 Wenatchee- Middle Wenatchee River- 2 Wenatchee- Mission Creek- 4 Wenatchee- Nason- 1 Wenatchee- Peshastin- 4 Wenatchee- Upper Wenatchee - 1 Wenatchee- White River- 1	Wenatchee- Chiwawa River- NA Wenatchee- Chumstick Creek- NA Wenatchee- Icicle Creek- 3 Wenatchee- Lake Wenatchee- NA Wenatchee- Little Wenatchee- NA Wenatchee- Lower Mainstem (Mouth to Tumwater Canyon)- NA Wenatchee- Lower Wenatchee- 5 Wenatchee- Middle Wenatchee River- NA Wenatchee- Mission Creek- 6 Wenatchee- Nason- 1 Wenatchee- Peshastin- 4 Wenatchee- Upper Wenatchee - 2 Wenatchee- White River- NA	Other	Project quantifies protection and restoration benefits for all habitat-based ecological concerns at reach and assessment unit scales.	Other	Spring Chinook	Steelhead Spring Chinook Model platform can be expanded to include summer/fall Chinook and coho salmon if desired.	A synthesis platform for systematic identification of habitat protection and restoration priorities basinwide.	Platform for long-term restoration planning and trends reporting.