

# Focus on: 2022 Grant Round Application Summary



*Photo by the Department of Ecology*

## Learn more

Visit the Streamflow restoration [competitive grants webpage](#) for more information.

## Contact information

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## Acronyms to know

**WRIA:** Water Resource Inventory Area

**ESA:** Endangered Species Act

**MAR:** Managed Aquifer Recharge

**ASR:** Aquifer Storage and Recovery

**cfs:** cubic foot per second

**afy:** acre feet per year

[ADA Accommodations](#)

## Streamflow Restoration Competitive Grants

In January 2018, the Legislature passed the Streamflow Restoration law that helps restore streamflows to levels necessary to support robust, healthy, and sustainable salmon populations while providing water for homes in rural Washington.

The Legislature intends to authorize \$300 million dollars over 15 years to support projects that improve streamflow. The funds are available statewide and administered through a competitive grant program.

Grant funding will help incentivize state and local agencies, tribal governments, and non-profit organizations to implement local watershed plans and projects.

## Application summary for the 2022 grant round

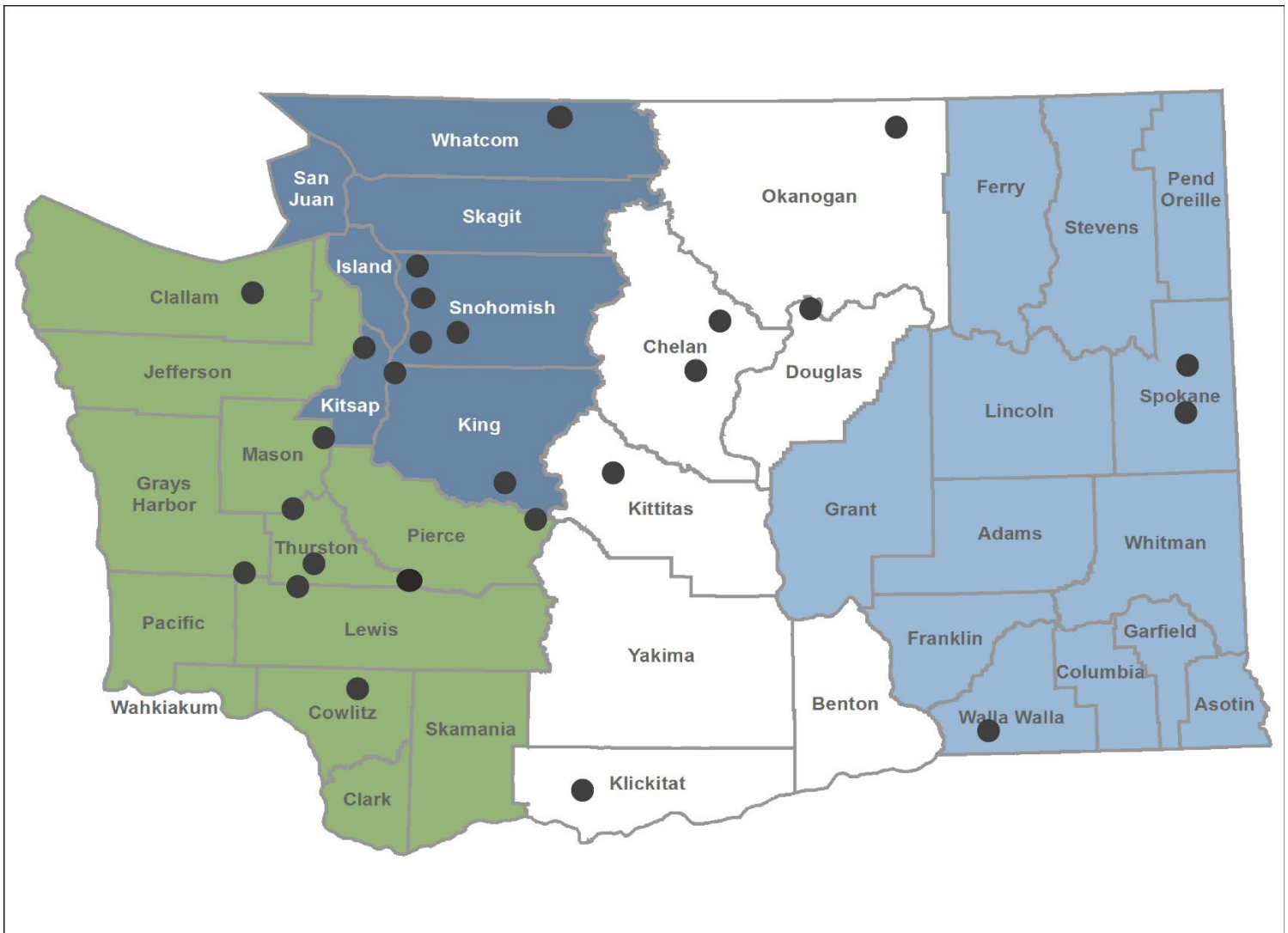
We will invest up to \$35 million in this round in 26 high priority projects. Ecology received 57 applications from organizations throughout the state, totaling a request over \$95 million.

Applications included a variety of projects that aim to improve streamflows, such as, altered water management, water right acquisition, water storage, feasibility studies, and floodplain, riparian, and wetland restoration.

All applications, including grant recipients are summarized in this publication using information provided by applicants. Applications were reviewed for their technical merit and scored using the evaluation criteria in the [grant guidance](#). Ecology announced the projects selected for funding in early October 2022.

Projects selected for funding in this round

Ecology will invest up to \$35 million in 26 high priority projects throughout the state.



Organization Name	Project Title	Amount Requested
Adopt A Stream Foundation	Jones Creek Stream Flow Enhancement Project	\$1,588,955
Adopt A Stream Foundation	North Creek Streamkeepers	\$203,540
Cascadia Conservation District	Restoring Streamflow for Salmonids in the Wenatchee and Entiat Watersheds	\$1,007,209
Chelan County – Natural Resources Department	Wenatchee Basin Alluvial Water Storage and Streamflow Restoration Phase 2	\$497,468
City of Enumclaw – Public Works Department	Boise Creek Restoration at Enumclaw Golf Course	\$1,787,500

Organization Name	Project Title	Amount Requested
Clallam County Community Development	Dungeness Streamflow Restoration Off-Channel Reservoir	\$1,680,000
Confederated Tribes of the Umatilla Indian Reservation	Touchet River Ranch Floodplain, Streamflow and Fish Habitat Restoration	\$2,858,231
Foster Creek Conservation District	Foster Creek Process-Based Streamflow Restoration	\$181,000
Great Peninsula Conservancy	Tahuya Mainstem Streamflow Protection and Restoration	\$1,349,200
Kittitas Conservation Trust	Kachess River Restoration Phase 2	\$1,926,025
Lower Columbia Fish Enhancement Group	STHD 1 – Reaches A, B, and C Restoration	\$654,000
Nisqually Land Trust	Middle Ohop Creek Protection	\$2,875,925
Snohomish County – Public Utility District #1	Sultan River Floodplain Activation Construction	\$765,000
Spokane Conservation District	Dartford Creek Floodplain Reconnection Project	\$205,000
Thurston County – Community Planning and Economic Development	Schneider’s Prairie Off-Channel Storage	\$392,341
Trout Unlimited	Snoquera – Lower Greenwater Watershed Resilience Program Phase 1	\$2,876,178
Tulalip Tribes	Quilceda, Basin, Hayho Creek Water Right Acquisition Project	\$228,100
Tulalip Tribes	Lake Shoecraft Water Storage and Streamflow Restoration Feasibility Study	\$123,024
Washington State Dept. of Fish and Wildlife	Assessment of groundwater-surface water to support Scatter Creek	\$222,000
Washington Water Trust	WWT Little Klickitat River Water Rights Acquisition	\$1,576,225
Washington Water Trust	Salish Sea Regional MAR Feasibility Project	\$350,000
Washington Water Trust	Cooke Aquaculture Water Rights Acquisition	\$306,061
Western Rivers Conservancy	Antoine Valley Ranch Phase 2	\$3,950,474
Whatcom County – Public Works	Stewart Mountain Community Forest	\$5,517,000
Whitworth Water District #2	Whitworth Water District’s Little Spokane River Water Resiliency Project	\$1,375,000
Wild Fish Conservancy	Chehalis Beaver Dam Analog Implementation	\$328,000

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## Summary of submitted applications

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### Alderbrook Resort Wastewater Treatment Plant Water Reuse Feasibility Study

Organization name: Mason County Public Utility District 1

Amount requested: \$367,400

WRIA: 14

Application number: WRSRP-2022-MCPUD1-00177

#### Project description

A feasibility study looking to reclaim 10 million gallons a year from the Alderbrook Wastewater Treatment Plant and using it to drastically offset the Alderbrook Golf Courses Irrigation, currently consuming roughly 23 million gallons a year. The study proposes improved monitoring program managed by PUD 1 and using purple pipes to move and store treated effluent to be used to irrigate seasonally.

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### Antoine Valley Ranch Phase 2

Organization name: Western Rivers Conservancy

Amount requested: \$3,950,474

WRIA: 49

Application number: WRSRP-2022-WeRiCo-00198

#### Project description

Western Rivers Conservancy, in partnership with the Confederated Tribes of the Colville Reservation (Colville Tribes) and Trout Unlimited (TU), seeks \$3.84 million in funding to complete the conveyance of Antoine Valley Ranch, with its senior water and storage rights, to the Colville Tribes. Doing so will improve streamflow of Antoine Creek, a tributary of the Okanogan River, for federally threatened Upper Columbia River summer steelhead. The ranch is in WRIA 49 and in Okanogan County.

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### Assessment of groundwater-surface water to support Scatter Creek baseflow

Organization name: Washington State Department of Fish and Wildlife

Amount requested: \$222,000

WRIA: 23

Application number: WRSRP-2022-WaSDFW-00163

#### Project description

Scatter Creek is an important tributary to the mainstem Chehalis River that becomes intermittent in certain reaches during the summer low-flow period. Projected increases in consumptive water use in future decades threaten to impair valuable salmonid habitat and sustainable water use in the subbasin. This project will evaluate streamflow intermittence and groundwater-surface water (GW-SW) exchange to provide key information in support of streamflow restoration planning in the subbasin.

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### **Bob Smith Creek Restoration Feasibility**

Organization name: Washington State Department of Fish and Wildlife

Amount requested: \$165,000

WRIA: 3

Application number: WRSRP-2022-WaSDFW-00204

#### **Project description**

Bob Smith Creek, Moody Ditch, and their associated floodplains have been modified to improve the agricultural potential of the site. Fish passage, floodplain connectivity, the connection to the Samish River, and instream habitat have all been affected by past land uses. The objective of this project is to identify restoration opportunities including fish passage improvement, floodplain re-engagement for increased habitat and possible water storage, and instream habitat.

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### **Boise Creek Restoration at Enumclaw Golf Course**

Organization name: City of Enumclaw – Public Works Department

Amount requested: \$1,787,500

WRIA: 10

Application number: WRSRP-2022-EnumPW-00181

#### **Project description**

Restore Boise Creek at the Enumclaw Golf Course to its historic natural channel against a forested steep southeastern hillside to provide critical water quality and quantity improvements, in-channel habitat, riparian restoration, large wood placement, natural channel processes, and separation of the creek and golf course activities; all vitally important for recovery of ESA listed Chinook salmon in this highly productive tributary to the Puyallup-White River and its rare spring Chinook run.

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### **Bowman Creek Conservation**

Organization name: Columbia Land Trust

Amount requested: \$ 595,750

WRIA: 30

Application number: WRSRP-2022-CoLaTr-00216

#### **Project description**

The Bowman Creek Conservation project will purchase, for return to instream flow, a 51 acre feet water right, and it will conserve 56 acres of steeply sloping former pine and oak habitat in the Bowman Creek watershed. It will provide immediate and long term streamflow benefits within the Klickitat River watershed by returning water to an important flow-limited tributary, Bowman Creek, and enabling future watershed-focused riparian and upland habitat restoration.

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### **Chehalis Basin Partnership Streamflow Plan Implementation**

Organization name: Grays Harbor County - Public Services Department

Amount requested: \$100,000

WRIA: 22 and 23

Application number: WRSRP-2022-GHCoPS-00202

#### **Project description**

The overall goal of this funding request is for the Chehalis Basin Partnership to further streamflow restoration project development in order to provide water offset quantities to meet the goals of the 2020 Chehalis Basin Streamflow Restoration Addendum while enhancing fish and wildlife habitat. The Chehalis Basin Partnership does not have dedicated funding and will need administrative support to coordinate the implementation tasks described in the consensus approved Watershed Plan Addendum.

## Chehalis Beaver Dam Analog Implementation

Organization name: Wild Fish Conservancy  
 Amount requested: \$ 328,000  
 WRIA: 22 and 23  
 Application number: WRSRP-2022-WilFiC-00222

### Project description

Beaver Dam Analogs (BDAs) are a restoration tool used to increase local water tables, aquatic habitat complexity, biodiversity, and the quality of salmonid rearing habitat. To restore streamflows and aquatic habitat in the Chehalis, we propose to build upon existing BDA implementation and monitoring work (Aquatic Species Restoration Plan; project 20-1900) by identifying project locations and permitting, constructing, and monitoring a suite of BDA complexes along 3-5 stream reaches in WRIA 22/23.

## City of Hoquiam West Fork Dam Removal and Groundwater Source Development

Organization name: City of Hoquiam  
 Amount requested: \$ 1,079,185  
 WRIA: 22  
 Application number: WRSRP-2022-HoquCi-00155

### Project description

The City of Hoquiam sources its drinking water from two surface water sources with associated state water rights: Davis Creek and the West Fork of the Hoquiam River. In 2010, the City drilled test wells and determined that a new groundwater source could replace their surface water source from the West Fork, eliminating the need for the existing diversion dam. This project would fully restore the stream flow in the West Fork Hoquiam River impacted by the dam, and improve aquatic species habitat.

## Cooke Aquaculture Water Rights Acquisition

Organization name: Washington Water Trust  
 Amount requested: \$ 3,177,957  
 WRIA: 23  
 Application number: WRSRP-2022-WaWaTr-00174

### Project description

Scatter Creek has severe low flows threatening salmon and its aquifer is the sole source of potable supply. The Cooke Aquaculture Water Right Acquisition seeks to improve flow and offset growth through an acquisition of 1,600 acre-feet per year (afy) of rights temporarily in the Trust Water Rights Program. During the driest months, the water would add 5 cfs to Scatter Creek and 1 cfs to Prairie Creek. This proposal includes Project Administration, Feasibility, Water Purchase and Design.

## Dartford Creek Floodplain Reconnection Project

Organization name: Spokane Conservation District  
 Amount requested: \$ 205,000  
 WRIA: 55  
 Application number: WRSRP-20222-SpoCoD-00197

### Project description

This project proposes to correct a significant head-cut in Dartford Creek, a tributary of the Little Spokane River. The project will reconnect the floodplain and restore native redband trout habitat. This will be accomplished by implementing a modified beaver dam analog design with an aggrading step pool system of weirs, pools and large woody debris. Additional bank shaping will be needed to help restore the riparian area.

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## Deer Creek Streamflow Restoration Project

Organization name: City of Puyallup – Public Works  
Amount requested: \$4,648,661  
WRIA: 7, 8, 9, 10, 11  
Application number: WRSRP- 2022-PuyaPW-00182

### Project description

The project will provide stream restoration and reconnection of existing degraded wetlands and floodplains to Deer Creek at four locations. Other project benefits are hydraulics improvements resulting from removal and replacement of fish barriers with fish passable culverts; stream realignments for increased capacity, flow diversity; habitat creation; increased retention and flow attenuation and flood mitigation.

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## Garfield County Streamflow Restoration Project

Organization name: Pomeroy Conservation District  
Amount requested: \$ 249,900  
WRIA: 35  
Application number: WRSRP- 2022-PomeCD-00200

### Project description

The recipient will work with landowners to install low cost, large woody debris structures in Alpowa, Deadman, Tumulum Creek with the goal to increase base flows, restore critical habitat for summer steelhead, improve floodplain connection and groundwater storage, install woody debris using PALs to simulate the benefits of natural wood loading and construct BDAs to simulate benefits of beaver dams and soft streambank bioengineered with wood for actively eroding streambanks.

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## George Davis Creek Fish Passage Barrier Removal Project

Organization name: City of Sammamish  
Amount requested: \$ 4,200,000  
WRIA: 8  
Application number: WRSRP- 2022-Sammam-00161

### Project description

This project will remove four fish passage barriers along George Davis Creek east of Lake Sammamish, including a culvert, a concrete dam, a dock, and a high flow bypass that diverts surface water from a fish critical stream. Additionally, the project will create 250-feet of open channel and restore 500-stream-feet, opening more than 4,000 feet of high-quality spawning and rearing ecosystem to support native Kokanee that are on the verge of extinction, while benefitting other resident species.

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## Integrated modeling to support floodplain restoration for threatened frogs

Organization name: Washington State Department of Fish and Wildlife  
Amount requested: \$157,981  
WRIA: 23  
Application number: WRSRP-2022-WaSDFW-00190

### Project description

Our Chehalis Basin work shows that declining surface water imperils federally threatened Oregon Spotted Frog and other vulnerable species like Olympic Mudminnow. The Chehalis Basin Strategy wants to implement restoration actions for these species but requires rigorous analysis. We propose using our long-term, high-resolution monitoring data to develop an integrated model that will allow us to identify hydrologic interventions to restore a floodplain storage and habitat for frogs and fish.

### Jones Creek Stream Flow Enhancement Project

Organization name: Adopt A Stream Foundation  
 Amount requested: \$1,588,955  
 WRIA: 7  
 Application number: WRSRP-2022-Adopta-00156

#### Project description

This is a watershed function, riparian, and fish habitat enhancement project located along Jones Creek near the mouth of the Snohomish River. Jones Creek flows directly into the Qwuloolt Estuary. This basin has water impairments associated with local development and is used by critical salmonid species. AASF proposes to conduct a wetland and stream restoration project focused on water storage. Project benefits include more water storage, better water quality, increased baseflow, and salmon habitat.

### Jovita Creek Habitat Improvement Feasibility Study

Organization name: City of Edgewood - Community Development  
 Amount requested: \$189,000  
 WRIA: 10  
 Application number: WRSRP-2020-MSGT-00095

#### Project description

The study will identify potential restoration actions in Jovita Creek, a tributary to the Lower White River (WRIA 10). In the study area there are multiple fish passage barriers, flooding is common, riparian and instream habitat is poor, and the stream corridor is constrained by an adjacent roadway. This study is the first step in defining alternatives and feasibility of improving habitat in the stream, improving the streamflow regime to support fish passage, and preventing dangerous flooding.

### Kachess River Restoration Project – Phase 2

Organization name: Kittitas Conservation Trust  
 Amount requested: \$1,926,025  
 WRIA: 39  
 Application number: WRSRP-2022-KittCT-00154

#### Project description

The Kachess River Restoration Project seeks to improve streamflow and habitat conditions to increase the carrying capacity for ESA-listed bull trout and improve ecosystem function on approximately 1 mile of the upper Kachess River. This project will improve instream flow and habitat suitability by narrowing the over widened channel, constructing large wood structures with groundwater-connected pools, reconnecting the river to the floodplain, and removing infrastructure from the floodplain.

### Lake Shoecraft Water Storage and Streamflow Restoration Feasibility Study

Organization name: Tulalip Tribes  
 Amount requested: \$123,024  
 WRIA: 7  
 Application number: WRSRP-2022-TulaTr-00207

#### Project description

The goal of this project is to improve management of streamflow in the West Fork of Tulalip Creek and improve fish habitat downstream of Lakes Goodwin and Shoecraft to provide streamflow year round. This will be managed by replacing an aging lake level control structure replacing it with a modern weir or slide gate that can more effectively control lake outflows, providing a more continuous source of water to the West Fork of Tulalip Creek through the base flow period.



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## Manastash Winter Stockwater Acquisition - Instream Flow

Organization name: Trout Unlimited

Amount requested: \$607,543

WRIA: 39

Application number: WRSRP-2022-TroUnl-00199

### Project description

Trout Unlimited will acquire and transfer to instream flow (Nov 1 through Mar 31) 7.08 cfs of a stock water right from Manastash Creek. Stream flows will provide about 5.6 miles of instream benefits and be protectable with minimal management from stream mile 5.6 to the confluence of Manastash Creek and the Yakima River. This will result in increased habitat availability and quality for Steelhead, Coho salmon, and Bull trout during low flow periods.

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## McNeil Island Estuary Restoration - Bodley Creek

Organization name: Washington State Department of Fish and Wildlife

Amount requested: \$598,000

WRIA: 15

Application number: WRSRP-2022-WaSDFW-00229

### Project description

The McNeil Island Estuary Restoration project will restore full tidal exchange and fish passage to former estuaries at Bodley Creek and Floyds Cove. Restoring tidal connectivity provides key nearshore habitat for juvenile salmon documented at McNeil Island. DFW is currently funded to bring the project to shovel-ready stage. This award will focus on construction, replacing the undersized culvert at Bodley Creek with a 40'x17' box culvert and using beaver dam analogs to maintain wetland habitat.

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## Middle Ohop Creek Protection

Organization name: Nisqually Land Trust

Amount requested: \$2,875,925

WRIA: 11

Application number: WRSRP-2022-NiLaTr-00168

### Project description

In preparation for an in-stream and floodplain restoration project along Middle Ohop Creek, the Land Trust proposes to pursue permanent protection through fee acquisition of 84 acres along the Middle Reach of Ohop Creek. This will include protecting three properties that contain a total of three quarters of a mile of Ohop Creek shoreline, 60 acres in the floodplain, and a quarter mile of ditched tributaries. The Middle Ohop is the primary spawning reach of the creek.

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## Newaukum Creek Riparian Restoration

Organization name: King County - Water and Land Resources Division

Amount requested: \$800,000

WRIA: 9

Application number: WRSRP-2022-KCWLRD-00196

### Project description

This project will restore 2 sites associated with Newaukum Creek totaling 35 acres. Actions will include removing structures, constructing a livestock exclusion fence on one site, and extensively planting trees and shrubs. These actions will attract beaver similar to what occurred at nearby restoration sites. Colonizing beavers will construct dams and maintain streamflows by ponding water. Shade from planted vegetation will moderate water temperature and reduce evaporation.

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## North Creek Streamkeepers

Organization name: Adopt A Stream Foundation

Amount requested: \$203,540

WRIA: 8

Application number: WRSRP-2022-Adopta-00172

### Project description

Adopt A Stream Foundation and its partners will install 16 beaver analogs/logjams at 3 locations in the upper 2.5 miles of North Creek to reduce peak storm flows and increase groundwater recharge to provide flow during dry periods; and provide prescriptions on how to improve riparian zones and streamflows to 162 riparian landowners within that headwater reach. These actions will increase the water table, channel complexity, species diversity, and salmonid habitat.

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## North Fork Stillaguamish River Floodplain Acquisitions

Organization name: Washington Water Trust

Amount requested: \$299,000

WRIA: 5

Application number: WRSRP-2022-StillTI-00212

### Project description

The Stillaguamish Tribe of Indians will acquire and protect at least 220 acres of floodplain property on in the North Fork Stillaguamish River, focusing on areas prioritized in the 2020 Stillaguamish Watershed Council's Acquisition Strategy. The proposed project will connect previously protected parcels and advance the long-term effort of restoring a corridor of lands along Chinook bearing waters from the spawning grounds to the estuary.

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## Pilchuck River Armoring Removal Phase I

Organization name: Tulalip Tribes

Amount requested: \$213,402

WRIA: 7

Application number: WRSRP-2022-TulaTr-00201

### Project description

The Tulalip Tribes is proposing a project to restore ~600 linear feet of river bank, by removing armoring along the Middle Pilchuck River within the Pilchuck River Basin. Armoring removal will improve floodplain/riparian function, in-stream habitat, and water quality for adult and juvenile salmon. The project has been identified in the draft Watershed Restoration and Enhancement Plan -WRIA 7 – Snohomish Watershed that is in the process of being adopted by Washington State Department of Ecology.

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## Quilceda 8 Restoration & Potential Water Right Acquisition

Organization name: Tulalip Tribes

Amount requested: \$599,145

WRIA: 7

Application number: WRSRP-2022-TulaTr-00206

### Project description

This is a property acquisition proposal of a parcel located on Allen Creek on the border of the City of Marysville in Snohomish County, WRIA 7. Property acquisition will enhance water quantity along with juvenile rearing and adult spawning habitat for Coho, Chinook, Steelhead, and other native species.

## Quilceda Basin, Hayho Creek Water Right Acquisition Project

Organization name: Tulalip Tribes

Amount requested: \$228,100

WRIA: 7

Application number: WRSRP-2022-TulaTr-00213

### Project description

The purpose of this water right acquisition project is to maintain streamflow throughout the year in Hayho Creek, a stream that is dependent on groundwater to maintain aquatic life and support salmonid.

Protection of and improvements to groundwater contributions are critical to maintain aquatic systems in Hayho Creek. Funding will be used to complete a water right purchase and transfer from the current holder to the Washington State Trust Water Rights Program.

## Restoring Streamflow and Watershed Function in the Palouse River Watershed

Organization name: Palouse Conservation District

Amount requested: \$789,465

WRIA: 34

Application number: WRSRP-2022-PaloCD-00145

### Project description

This project will restore streamflow, watershed function, and riparian and aquatic habitat in the Palouse River Watershed by implementing bioengineering projects to improve stream channels and riparian habitat and by building two wetlands. This project also will develop a watershed monitoring assessment of current conditions and a ten-year watershed restoration plan to evaluate restoration effectiveness and prioritize and sequence future efforts in the Palouse River watershed.

## Restoring Streamflow for Salmonids in the Wenatchee & Entiat Watersheds

Organization name: Cascadia Conservation District

Amount requested: \$1,007,209

WRIA: 45

Application number: WRSRP-2022-CascCD-00188

### Project description

Climate change in Chelan County is projected to reduce snowpack and baseflows while increasing stream temperature. CRM submits a joint proposal to counteract these threats to ESA-listed salmonids that require cold-water habitat. Our strategies include Stage 0 restoration, beaver dam analogs, post-assisted log structures, riparian plantings, repair of beaver dams, wood placement, and beaver relocation. CRM's longstanding partnerships throughout the region help ensure the proposal's success.

## Salish Sea Regional MAR Feasibility Project

Organization name: Washington Water Trust

Amount requested: \$958,600

WRIA: 7

Application number: WRSRP-2022-WaWaTr-00203

### Project description

The project provides hydrologic investigation of managed aquifer recharge (MAR) sites (state or county owned) in WRIA 7,8,9 which were identified in the SRA Watershed Plan update process. The feasibility study would inform identification of up to 3 selected sites for preliminary design. Select projects would divert high flow surface or recycled water to an infiltration site, serve as a climate resilient water management tool, and improve flow to a target stream during low flow periods.

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## Sammamish Recycled Water Source Switch Feasibility Study Project

Organization name: Washington Water Trust

Amount requested: \$187,342

WRIA: 8

Application number: WRSRP-2022-WaWaTr-00192

### Project description

The Sammamish Recycled Water Source Switch Pilot Project, will test the feasibility of a permanent recycled water source switch for JB Lawns, a commercial turf and agriculture products company which irrigates from the Sammamish River, 325 acres including 9 acres of greenhouse/nursery. The 2 year feasibility study on the greenhouse/ nursery with a recycled water source switch, would restore flow, and inform a permanent source switch on this facilities, other acres with permanent flow restoration.

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## Schneider's Prairie Off-Channel Storage

Organization name: Thurston County - Community Planning and Economic Development

Amount requested: \$392,341

WRIA: 13 and 23

Application number: WRSRP-2022-TCoPED-00187

### Project description

A feasibility study to evaluate the site for seasonal inundation that would result in infiltration and subsequent seepage back to the Deschutes River. Water would be conveyed from the river to the off-channel feature when Deschutes River flows are above 400 cfs by deepening an existing floodplain (historic channel) between Deschutes River and Ayer's Creek, in Schneider's Prairie, using biotechnical techniques. This will result in 681 afy.

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## Silverdale Water District No.16 Recycled Water MAR Project

Organization name: Silverdale Water District

Amount requested: \$21,795,109

WRIA: 15

Application number: WRSRP-2022-SilvWD-00224

### Project description

The Silverdale Water District No.16 Recycled Water MAR Project goals will increase streamflows, improve water quality, and reduce summertime streamflow temperatures by recharging aquifers with reclaimed (recycled) source water when flows are low. These actions will enhance habitat of ESA-listed threatened species and increase streamflow resiliency in the watershed.

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## Snoquera - Lower Greenwater Watershed Resilience Project (Phase 1)

Organization name: Trout Unlimited

Amount requested: \$2,876,178

WRIA: 10

Application number: WRSRP-2022-TroUnl-00149

### Project description

The proposed project marks the first phase of the 191,000 acre Snoquera Project and aims to improve watershed function, restore natural hydrologic processes, protect water quality, and improve aquatic habitat for ESA-listed Chinook salmon on private and public lands in the Lower Greenwater River watershed through a holistic suite of actions including floodplain restoration and reconnection, fish passage improvements, right-sizing transportation infrastructure, and large wood enhancement.

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## Stewart Mountain Community Forest

Organization name: Whatcom County - Public Works  
Department

Amount requested: \$5,517,000

WRIA: 1

Application number: WRSRP-2022-WhCoPW-00167

### Project description

The Stewart Mountain Community Forest is a collaborative effort to adopt 5,500 acres of forestland into local ownership to be managed as a working forest that enhances community values and watershed resilience to climate change. The primary goals of the project are to increase streamflows, improve water quality, and advance salmon recovery in the South Fork Nooksack River by taking an active approach to forest stewardship and implementing improved forest management practices across the property.

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## STHD 1 - Reaches A, B, and C Restoration

Organization name: Lower Columbia Fish  
Enhancement Group

Amount requested: \$654,000

WRIA: 26

Application number: WRSRP-2022-LoCFEG-00153

### Project description

This project includes 2.8 miles of instream and 130 acres of floodplain habitat restoration in the headwaters valley of the SF Toutle River benefitting ESA-listed Chinook, coho, and steelhead. In 2020 the Lower Columbia FEG completed a preliminary design and implementation plan covering 17 miles and 500 acres of mainstem and tributary habitat and this proposal initiates restoration activities. This work builds upon the watershed-scale habitat restoration plan LCFEG started in 2007.

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## Stillman Creek Tributaries Streamflow Improvement Project

Organization name: Lewis County Conservation  
District

Amount requested: \$40,000

WRIA: 23 and 26

Application number: WRSRP-2022-LeCoCD-00157

### Project description

This project will construct an instream restoration project in the Stillman Creek Basin to improve water quantity by increasing alluvial water storage through slowing drainage of the stream. Conservation District employees and a representative from the landowner selected three streams due to ease of access, and the probability of success.

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## Sultan River Floodplain Activation Construction

Organization name: Snohomish County – Public  
Utility District No. 1

Amount requested: \$765,000

WRIA: 7

Application number: WRSRP-2022-SnoPUD-00160

### Project description

Project will reintroduce flow into portions of the floodplain that infrequently become wetted currently and only under extreme flow conditions. The designed channel is approximately 1,900 feet in length traversing areas with intermittent patches of riparian vegetation. The project will significantly expand rearing opportunities for five salmonid species and provide refugia during flood flows. The project also provides an opportunity for expansion of the riparian community and preservation.

## Surface Water to Groundwater Right Conversion Project

Organization name: AG Water Board of Whatcom County

Amount requested: \$8,433,042

WRIA: 1

Application number: WRSRP-2022-AWB-00164

### Project description

The Ag Water Board is proposing to plan, implement and monitor up to 10 conversions of existing irrigation surface water rights to groundwater sources. Each conversion project will be paired with a robust surface water and groundwater monitoring program. The monitoring data will be used to inform refinements to the existing Whatcom Groundwater Model, specifically to further develop the ability to quantify the timing and magnitude of streamflow depletion from groundwater pumping.

## Tahuya Mainstem Streamflow Protection and Restoration

Organization name: Great Peninsula Conservancy

Amount requested: \$1,349,200

WRIA: 15

Application number: WRSRP-2022-GPC-00220

### Project description

The Tahuya Mainstem Streamflow Protection and Restoration project will offset 8.745 Acre-feet/year by protecting and restoring a mile of the Tahuya River in WRIA 15. Phase I will protect mature riparian forest while Phase II restoration will restore a half mile side channel and reconnect 40 acres of floodplain. Located in a developing watershed particularly susceptible to climate change, the project will improve summer flows and critical habitat for endangered Hood Canal Summer Chum.

## Thomas' Eddy Hydraulic Reconnection

Organization name: Snohomish County Conservation Natural Resources Department

Amount requested: \$310,000

WRIA: 7

Application number: WRSRP-2022-SnCoCN-00173

### Project description

The Thomas' Eddy Hydraulic Reconnection project will remove large sections of levee to restore natural floodplain conditions, improve edge habitat through rock removal and installation of log structures, improve off-channel habitat connection, restore riparian vegetation and add floodplain streamflow enhancements through excavation and construction of beaver dam analogs at Snohomish County's 200-acre Bob Heirman Wildlife Park located in the mainstem Snohomish River floodplain.

## Touchet River Ranch Floodplain, Streamflow and Fish Habitat Restoration

Organization name: Confederated Tribes of the Umatilla Indian Reservation

Amount requested: \$2,858,231

WRIA: 32

Application number: WRSRP-2022-CoTUIR-00144

### Project description

This 3 mile long stretch of the Touchet River in Walla Walla County is highly incised, lacks functional salmonid habitat and floodplain connectivity. The Snake River Salmon Recovery Board designates this section of river a Migration Corridor Priority Reach. The Confederated Tribes of the Umatilla Indian Reservation (CTUIR) seeks to restore floodplain function, improve fish habitat, put 175 acres of floodplain into a permanent conservation easement, and purchase instream water rights.

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## Town of Twisp Methow Basin (WRIA 48) Managed Aquifer Recharge Project

Organization name: Town of Twisp – Public Works

Amount requested: \$2,870,745

WRIA: 48

Application number: WRSRP-2022-TwisPW-00162

### Project description

The Methow Basin Managed Aquifer Recharge (MAR) project goals are to increase streamflow and improve water quality during the low flow summer/fall months and provide water right mitigation by infiltrating river water during the winter/spring when instream flows are being met. The MAR facility will be located in a specific hydrogeologic setting where the infiltrated water will provide relatively cool groundwater recharge to the river during the summer/fall.

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## Upper Scatter Creek Managed Aquifer Recharge

Organization name: Thurston County - Community Planning and Economic Development

Amount requested: \$268,060

WRIA: 23

Application number: WRSRP-2022-TCoPED-00225

### Project description

The Upper Scatter Creek MAR Project will increase flow in Scatter Creek and Chehalis River during low flow months by infiltrating surface water during high flow conditions that will return later as groundwater baseflow. The project will divert up to 3% of streamflow from an unnamed tributary when flows exceed 10 cfs November 1 to April 30 for a total of 140 AFY. This project includes all MAR feasibility study and cultural resource review tasks identified in Ecology Pub. 21-11-019, App. D and E.

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## Vader Water Asbestos Pipe Replacement

Organization name: Lewis County - Public Works

Amount requested: \$1,880,000

WRIA: 26

Application number: WRSRP-2022-LeCoPW-00184

### Project description

The purpose of the project would be to remove and replace all AC pipe and associated appurtenances in the system, and to reconnect associated distribution loops and service connections.

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## WDNR Water Rights Portfolio Management Feasibility Study within WRIA 49

Organization name: Washington State Department of Natural Resources

Amount requested: \$399,597

WRIA: 49

Application number: WRSRP-022-WaSDNR-00179

### Project description

This feasibility study will catalog and evaluate the large water rights portfolio held by Washington State Department of Natural Resources (WDNR) within water resource inventory area (WRIA) 49. The study will assess the feasibility of leveraging WDNR's water rights to enhance instream flows, provide net ecological benefit value, and/or provide mitigation for new uses.

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## WDNR Water Rights Portfolio Management Feasibility Study within WRIA 59

Organization name: Washington State Department of  
Natural Resources

Amount requested: \$386,941

WRIA: 59

Application number: WRSRP- 2022-WaSDNR-00143

### Project description

This feasibility study will catalog and evaluate the large water rights portfolio held by Washington State Department of Natural Resources (WDNR) within water resource inventory area (WRIA) 59. The study will assess the feasibility of leveraging WDNR's water rights to enhance instream flows, provide net ecological benefit value, and/or provide mitigation for new uses.

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## Wenatchee Basin Alluvial Water Storage and Streamflow Restoration Phase 2

Organization name: Chelan County - Natural  
Resource Department

Amount requested: \$497,468

WRIA: 45

Application number: WRSRP-2022-ChCoNR-00175

### Project description

The Wenatchee Basin Alluvial Water Storage and Streamflow Restoration Project supports four (4) meadow and stream restoration actions to address channel incision and restore floodplain reconnection. The project includes headwater restoration and monitoring at priority sites within the top three (3) flow limited sub-watersheds: Chumstick, Peshastin, and Mission Creeks. Collectively, this project restores a modeled 201 ac-ft of alluvial water storage and 2.7 cfs in the Wenatchee basin.

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## Whitworth Water District's Little Spokane River Water Resiliency Project

Organization name: Whitworth Water District #2

Amount requested: \$1,375,000

WRIA: 55 and 56

Application number: WRSRP- 2022-WhiWD-00189

### Project description

Whitworth Water District (District) is seeking \$1,375,000 in funding to complete its source water substitution project (Project). The Project provides 400 acre-feet of permanent permit-exempt domestic offsets and ecological benefits to the Little Spokane River Watershed (LSR). This Project is a source substitution and offset project reviewed and approved by the WRIA 55 Planning Unit and included in the Ecology's approved WRIA 55 Watershed Plan Addendum Wolf Creek Fan Restoration Project.

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## Wolf Creek Fan Restoration Project

Organization name: Yakama Nation

Amount requested: \$2,926,000

WRIA: 48

Application number: WRSRP- 2022-YakaNa-00142

### Project description

This project is located in the Methow Subbasin, on the outlet of Wolf Creek (Methow RM 54.2). Located on an alluvial fan, this area was historically a very broad, depositional floodplain used as spawning and rearing habitat by spring Chinook and steelhead. Today, the channel has become simplified and channelized due to the placement of levees and removal of in-stream wood. This proposed acquisition, would allow a restoration project to re-activate the floodplain habitats.



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## WRIA 55 Barrier Assessment and Prioritization

Organization name: Washington State Department of Fish and Wildlife

Amount requested: \$388,536

WRIA: 55

Application number: WRSRP- 2022-WaSDFW-00209

### Project description

There has been a minimal effort to identify and assess stream crossing structures and fish passage barriers within the Little Spokane Watershed Inventory Area (WRIA 55). The goal of this project is to inventory all areas of WRIA 55 that have not been previously surveyed and prioritize for removal/replacement. This information will be provided to the WRIA 55 Watershed Plan Update for use in the future Net Ecological Benefit Projects as well as to community entities and tribal organizations.

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## WWT Little Klickitat River Water Rights Acquisition

Organization name: Washington Water Trust

Amount requested: \$1,576,225

WRIA: 30

Application number: WRSRP- 2022-WaWaTr-00191

### Project description

This acquisition will address temperature and flow issues in the lower Little Klickitat River, particularly for juvenile rearing of the Mid-Columbia Steelhead, by increasing instream flow from June 1 – Sept. 30. This project is a split-season acquisition of substantial water rights on Spring and Blockhouse Creeks, tributaries to the Little Klickitat, that will restore 586 consumptive acre-feet and a maximum of 3.72 cfs of protected instream flow in late July subject to final Ecology approval.

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