

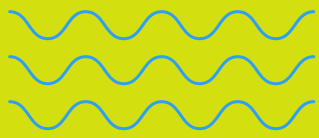
**20  
21**

# **Annual Report**

WASHINGTON WATER TRUST



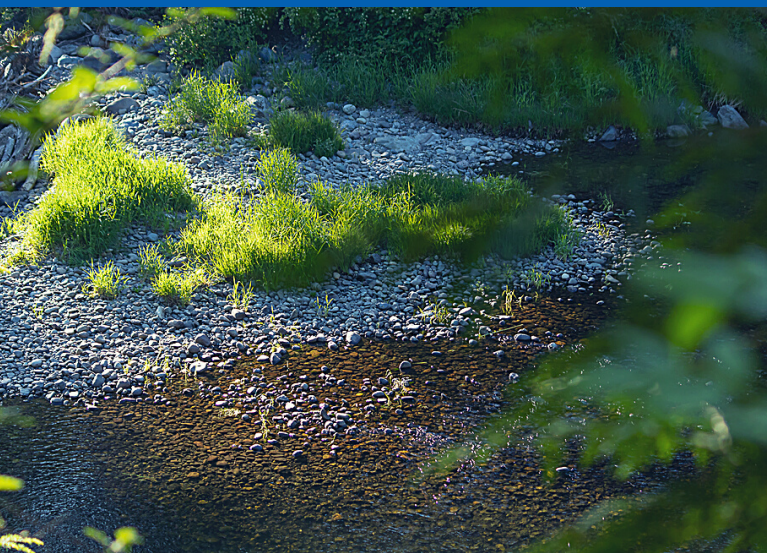




# Dear Friend of Washington Water Trust,



*"We are encouraged by all of you – our friends, supporters and partners – that see the writing on the wall; that recognize the urgent need to put water back instream so that our rivers, streams, fish, and communities here in Washington can be more resilient."*



2021 changed the way we think about our freshwater here in Washington.

As winter came to a close, we were feeling pretty good. A strong snowpack had us thinking that it would be a good water year with plenty of snowmelt to feed our rivers & streams throughout the summer. But then things changed. We had the second driest spring since 1895 and record-breaking temperatures. The snowpack quickly disappeared and with it the promise of abundant cool, clean flowing water for salmon, steelhead and trout in the late season when they need it most.

Tragically, in the South Fork Nooksack River, thousands of Chinook died as a result of low flows, warm water temperatures and bacteria. Other rivers & streams across the state dropped to extremely low levels. The uncharacteristically dry and hot spring conditions have water forecasters re-thinking their models.

It was a glimpse into the future. Challenging water years will become more frequent. You can see it playing out all across the western US. But while we are alarmed, we are also encouraged. We are encouraged by all of you – our friends, supporters and partners – that see the writing on the wall; that recognize the urgent need to put water back instream so that our rivers, streams, fish, and communities here in Washington can be more resilient; so that we can have water flowing abundantly in our landscapes, bringing us joy and feeding our spirits.

Thank you for your support, collaboration and hard work. Onward we push together towards a sustainable freshwater future for our state.

James Kraft  
Executive Director

# Our mission:

TO PROTECT AND RESTORE HEALTHY RIVERS AND STREAMS ACROSS WASHINGTON SO THAT FISH, FARMS AND COMMUNITIES CAN THRIVE FOR GENERATIONS.

## Why it's necessary:

IT IS PROJECTED THAT BY THE 2080s ...\*

THE AVERAGE SPRING  
SNOWPACK IN WASHINGTON  
WILL DECLINE BY

**56-70%**

SUMMER STREAMFLOW  
ACROSS THE STATE WILL  
DECLINE BY

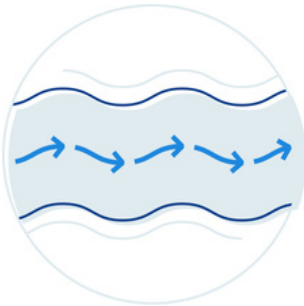
**34-44%**

STREAM TEMPERATURES IN  
THE PUGET SOUND REGION  
WILL INCREASE BY

**4.0-4.5F**

## What we're doing about it:

BUILDING RESILIENCY FOR WASHINGTON'S STREAMS



### WATER RIGHTS TRANSACTIONS

buying and leasing water rights to protect water instream when and where needed most for fish and the environment.



### PLANNING FOR FUTURE WATER USE

planning for the long-term water needs of growing communities while ensuring enough water stays instream for fish.



### RECONNECTING WATER IN THE LANDSCAPE

restoring the natural hydrological connections between our rivers, groundwater, forests, wetlands and floodplains.



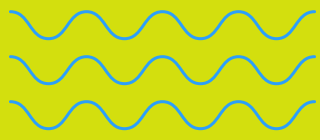
### DEVELOPING ALTERNATIVE WATER SOURCES

developing sustainable water sources to replace withdrawals from rivers and streams, particularly during late summer.

\*2070-2099, relative to 1970-1999

Source: University of Washington Climate Impacts Group's report *State of Knowledge, Climate Change in Puget Sound*





# You Helped Restore Flows & Habitat Across the State



**20**

YOU HELPED US  
WORK IN 20  
WATERSHEDS IN  
2021

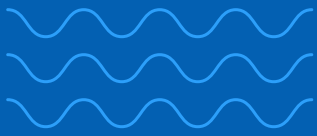
**41**

YOUR SUPPORT HAS  
BENEFITTED 41  
RIVERS & STREAMS  
IN WASHINGTON

**1,000**

YOU HELPED IMPROVE  
FLOWS IN NEARLY  
1,000 RIVER MILES IN  
2021





# Columbia Basin

RESTORING FLOWS TO SALMON STREAMS ON  
WASHINGTON'S DRY SIDE



# 18,000

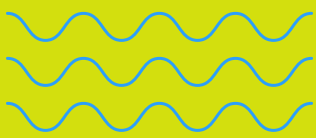
The number of acre-feet of  
water you helped protect  
instream in Columbia basin  
streams in 2021



# 6 BILLION

That's nearly six *billion* gallons of water!





# Teanaway River

RESTORING SOME OF THE MOST PRODUCTIVE  
HABITAT IN THE YAKIMA RIVER BASIN

The Teanaway River has some of the best habitat for salmon, steelhead and trout in the Yakima River basin. However, for years the Teanaway would run nearly or even entirely dry in the summer due to water being taken out of the river to irrigate crops.



*The Teanaway River nearly dry*

Recognizing the need to restore flows to the Teanaway so it could fulfill its potential as a productive tributary for fish, a goal was established in the early 2000's to have a minimum of 12 cubic feet per second (cfs) of water flowing year-round at a critical riffle in the river near the confluence of the Teanaway and Yakima Rivers. At flows below 12 cfs, access for fish to quality habitat upstream becomes increasingly limited.

Thanks to your support and the efforts of WWT and many partners, the Teanaway River now flows year-round with at least 8-10 cfs in most years. In 2021, you helped us work with a landowner in the Teanaway towards the permanent restoration of another 1.71 cfs of flow which will bring us yet closer to the goal of healthy year-round flows in the river to support fish and wildlife.





# Icicle Creek

## HELPING STEELHEAD AND BULL TROUT IN AN ICONIC WASHINGTON STREAM

If you have spent time near Leavenworth, you are likely familiar with Icicle Creek. More than just a beautiful cascading mountain stream for sightseeing and recreation, Icicle Creek is also a valuable source of irrigation water for agriculture in the area.

Consequently, Icicle Creek suffers from low flows in the summer which limits the amount of usable habitat available to ESA-listed summer steelhead and bull trout.

That is why WWT is working with the Icicle Creek Work Group and Cascade Orchards Irrigation Company (COIC) to restore flows and fish habitat in the creek. COIC, who provides water from Icicle Creek to 250+ water users, will permanently remove a gravity diversion where water flows out of Icicle Creek through miles of open ditches and aging pipes and replace it with a modern pressurized pump station much farther downstream. This will restore significant flows (11.9 cfs) to the most de-watered stretch of Icicle Creek and increase the habitat available to steelhead and bull trout.



*Low summertime flows in Icicle Creek*







# Western Washington Watersheds

## INNOVATIVE APPROACHES TO RESTORING STREAMFLOWS



### **Natural System Storage in the Nooksack**

You helped us continue our partnership with the Nooksack Indian Tribe researching the streamflow benefits of longer forest harvest rotations and different forest practices.



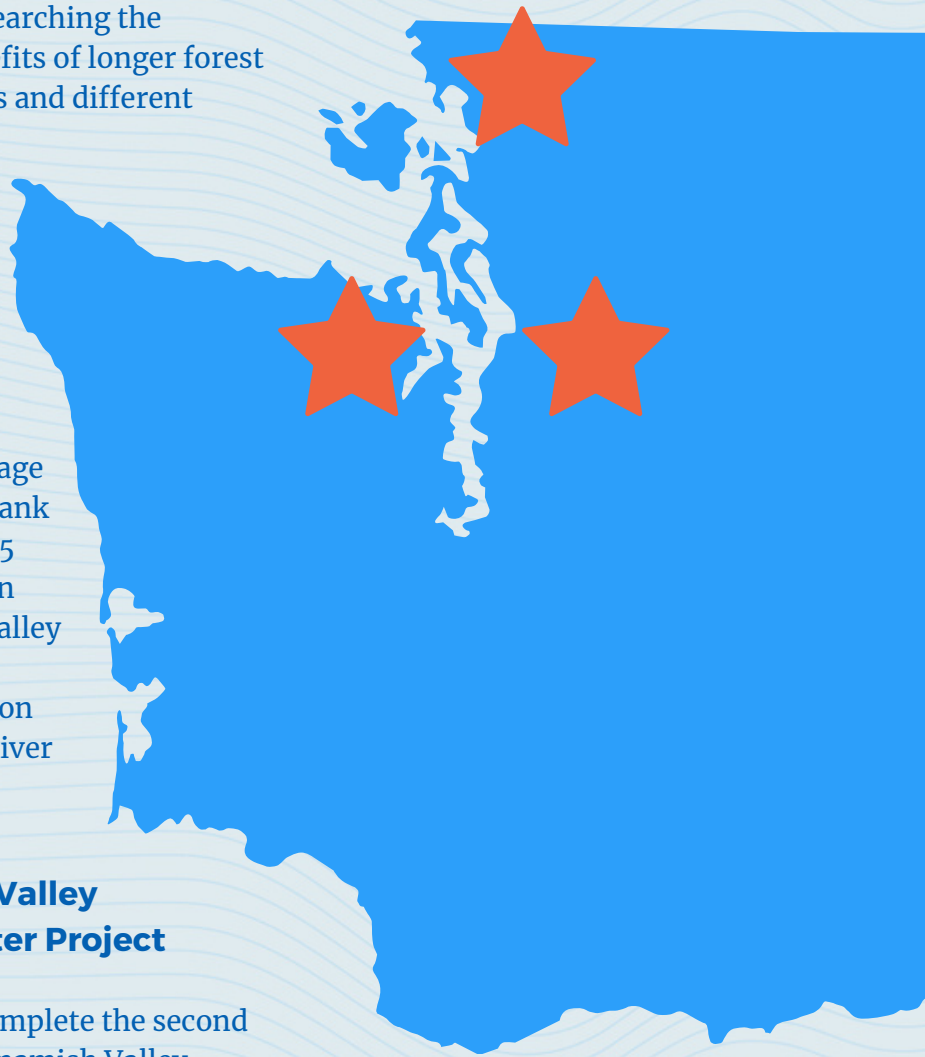
### **Dungeness Water Exchange**

You helped us continue to manage the DWE water bank ensuring that 455 new water uses in the Dungeness valley have not had a negative impact on the Dungeness River or local streams.



### **Sammamish Valley Recycled Water Project**

You helped us complete the second year of our Sammamish Valley Recycled Water Project, growing the effort to develop recycled water as a sustainable water source that can replace river diversions and improve streamflow in the Sammamish River and beyond.





# Eastern Washington Watersheds

MEANINGFUL CHANGE IN SOME OF THE STATE'S MOST WATER-STRESSED AREAS

## Loup Loup Creek

Loup Loup Creek used to run completely dry. Your support has helped bring back the flows and fish. In 2021, you helped us work with a large water user in the Loup Loup drainage on a long-term project that will have even more flow and habitat benefits for one of the Okanogan's most important steelhead streams.



## Tech Tools to Help the Touchet River

You helped us develop an analytical mapping tool to better track and show how our flow restoration projects in the Touchet River sub-basin are contributing towards habitat restoration and fish species recovery goals.

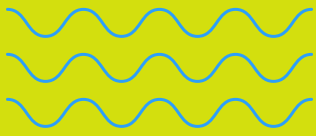


## Aquifer Storage & Recovery in Mill Creek

In 2021, the water hit the stream on a project you have been helping us develop. The City of Walla Walla switched part of its water diversion from Mill Creek to a refillable aquifer which allowed an extra 10% of flow to stay instream in this creek that is home to steelhead, bull trout, and reintroduced Spring Chinook.

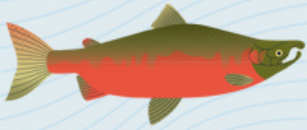






# Thank you to our 2021 Healthy Rivers Partners

THESE PHILANTHROPIC BUSINESSES ARE  
GIVING BACK TO WASHINGTON'S FRESHWATER



## Coho Level

(\$5,000 - \$10,000)

**Jacobs**

**Parametrix**  
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES



## Sockeye Level

(\$1,000 - \$5,000)

K&L GATES

**HDR**

 **ANCHOR**  
QEA 



beneficial state bank

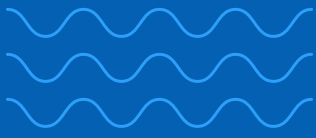
## More Great Partners

Whether through monetary donations, product donations, in-kind donations or event support, these businesses play a vital role in supporting WWT.

Boeing  
Coho Water Resources  
diecutstickers.com  
Five12 Apparel

Patagonia Seattle  
Wells Fargo  
Werner Paddles

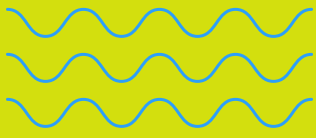




# Thank you to our 2021 Project Partners

Anchor QEA	Methow Watershed Council
Aspect Consulting	Mid-Columbia Fisheries Enhancement Group
Blue Mountain Land Trust	Middle Klickitat Conservation District
Bluewater GIS	Mott MacDonald
Bonneville Environmental Foundation	National Fish & Wildlife Foundation
Bonneville Power Administration	Natural Systems Design
Capitol Land Trust	Nisqually Land Trust
Cascade Orchards Irrigation Company	NOAA Fisheries
Cascadia Conservation District	Nooksack Indian Tribe
Cascadia Law Group	North Yakima Conservation District
Chelan County - Department of Natural Resources	Office of Chehalis Basin
City of Bothell	Office of the Columbia River
City of Dayton	Okanogan Irrigation District
City of Sequim	Oregon Water Resources Department
City of Walla Walla	Priest Rapids Coordination Committee
Clallam Conservation District	RCO-Salmon Recovery Funding Board
Clallam County	San Juan County
Clallam County Clallam PUD No. 1	San Juan Land Bank
Columbia County	Skagit Watershed Council
Confederated Tribes and Bands of the Yakama Nation	Taneum Canal Company
Confederated Tribes of the Colville Reservation	Thurston Conservation District
Confederated Tribes of the Umatilla Indian Reservation	Touchet Westside Irrigation District
Cowiche Canyon Conservancy	Tributary Committee
Dungeness Water Users Association	Tri-State Steelheaders
Forterra	U.S. Bureau of Reclamation
Freshwaters Illustrated	Underwood Conservation District
Helensdale Reclamation District	USDA-Natural Resources Conservation Service
Icicle and Peshastin Irrigation District	Washington Chapter - AWRA
Jamestown S'Klallam Tribe	WA Dept. of Ecology
King Conservation District	WA Dept. of Fish & Wildlife
King County Recycled Water	Walla Walla 2050 Planning Initiative
King County Waste Services - WaterWorks	Walla Walla County
Kittitas Conservation District	Walla Walla County Conservation District
Kittitas Conservation Trust	Walla Walla Watershed Mgmt Partnership
Kittitas Reclamation District	Washington State Conservation Commission - Irrigation Efficiency Grants Program
Leavenworth National Fish Hatchery	Washington State University
Lewis Conservation District	Yakima Basin Fish and Wildlife Recovery Board
Matson Fruit Company	Yakima/Klickitat Fisheries Project





# Thank you to our 2021 Donors

## Individuals

Greyson Assa  
Steven & Michelle Avolio  
Jocelyn Aycrigg  
Laura Bachmann  
Dale Bambrick  
Mitchell Bateman  
Rachael Bjork  
Mark Blitzer  
Lorri Bodi  
Steven Boessow  
Prima Bohall  
Jim Bond  
Robin Boyer  
Phillip Bradley  
Elizabeth Bratt  
Jeanette Burkhardt  
Jim Cain  
Rebecca Calhoun  
Cory Carlson  
Sharon Coleman  
Ananda Cooley  
Lora Cox  
Clyde Cramer & Pat Fogarty-Cramer  
M M Cromarty  
Amanda Cronin  
Chris Czarnecki  
Liz Daniel  
Corinne Daycross  
Richard Darby  
John Dentler  
Susan Dickerson-Lange  
Chris & Mary Diorio  
Wick & Sheila Dufford

Jan & Mike Dulin  
David Dymecki  
Jae Easterbrooks  
John Easterbrooks  
Ben Eickhoff  
Chad Evans  
Frank Florence  
Ben Floyd  
Robert Fosnaugh  
Lara Fowler  
Sandi Friel  
David Goodnight  
Tom Griffin-Valade  
Stephen & Kristi Growdon  
Kamuron Gurol  
Laurel Hansen  
Ray Hartwell  
Jason Hatch  
Andy Held  
Colleen Hinton  
Katherine Howell  
Brooke Ike  
Stan Isley  
Nicole Iwasaki  
Kenneth Izumi  
Mary Beth Jantzen  
Willy Jenkins  
Judith Johnson  
Kim Kasabali  
Jean Kim  
Richard Kirkby  
Ed Kolodziej  
Martha Kongsgaard & Peter Goldman  
David Kraft  
James Kraft

Steve Kunkel  
Josh Labelle  
Elizabeth Lenker  
Jessica Levin  
Arlen Levy  
Rob Lothrop  
Duncan Mackenzie  
Hope & Dave Maltz  
David McLaughlin  
Greg McLaughlin  
Meredith McLaughlin  
Dan & Joanna Mensher  
Gail & John Mensher  
Martin Merz  
Harriett Morton  
Dawn Moser  
Kim Mueller  
Susan O'Neil  
Chris Pitre  
Stephanie Potts  
Andrew Pryor  
Pete Rainey  
Katherine Ransel  
Janet Reis  
Brent Renfrow  
TC Richmond  
Tom Ring  
Phil Rockefeller  
Aaron Rudger  
Douglas & Lilian Ryan  
Claudia Sandler & Bill Levin  
Susan Selock  
Kausar Shahpurwala  
Randi Sibonga  
Suzanne Skinner  
Bruce Smith

Betsy Stauffer  
Will Stelle  
Cleve Steward  
LaTrisha Suggs  
Tim Surber  
Dale & Kathy Swedberg  
Terry Swiatkowski  
Theresa Szeliga  
Taylor Thackaberry  
Elizabeth Thomas  
Karen Troianello  
Christie True  
Julie Venn  
Lorna Vogt  
Christopher Voss  
Michelle Wainstein  
Alice Walters & Scott Schini  
Jacques White  
Jordon White  
Warren Wilkins  
Sally Wolf  
Bill Zachmann

## Agencies & Foundations

BNSF Railway Foundation  
Burning Foundation  
Icicle Fund  
MJ Murdock Charitable Trust  
National Fish and Wildlife Foundation  
P. Wayne & Jane B. Goode Foundation  
Satterberg Foundation  
WA Department of Ecology  
Warren Community Action Fund





# 2021 Financial Summary



## Revenues and Support

Contributions from Individuals.....	\$103,726
Grants - State.....	\$422,620
Grants - Federal.....	\$317,317
Grants - Private.....	\$157,000
Grants - Local.....	\$217,921
Water Acquisition Income.....	\$423,297
Special Events - Contributions.....	\$15,457
Miscellaneous Income.....	\$14,578
<b>Total revenues and support.....</b>	<b>\$1,671,916</b>

## Operating Expenses

Direct program expenses	
Consulting Services.....	\$9,201
Program-related Contractors.....	\$217,106
GIS and Project Contractors.....	\$8,629
Water Acquisition Expense.....	\$256,017
Fundraising.....	\$29,404
Compensation.....	\$959,579
Recruiting and training.....	\$1,441
Building and property.....	\$61,854
Administration.....	\$80,671
Computing and software.....	\$19,814
Meals, travel and entertainment.....	\$9,819
Outside services.....	\$46,757
Taxes and licenses.....	\$10,914
<b>Total operating expenses.....</b>	<b>\$1,711,206</b>

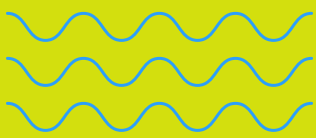
## Other Income

Interest.....	(\$1,180)
Depreciation & Amortization.....	(\$4,632)
PPP Loan (Gain on Debt Extinguishment).....	\$331,786
<b>Total Other Income.....</b>	<b>\$325,974</b>

**Total Change in Net Assets.....** **\$286,685**

*\*2021 financials have not yet been audited*





# WWT Staff & Board of Directors

## Washington Water Trust Staff

James Kraft - *Executive Director*  
Jim Bond - *Project Manager*  
Chris Czarnecki - *Investments and Partnerships Officer*  
Sarah Dymecki - *Project Manager*  
Raquel Espinosa - *Administrative and Financial Director*  
Laura Garza-Díaz - *Project Manager*  
Jason Hatch - *Program Director*  
Ethan Lockwood - *Project Manager*  
Stephen Lukas - *Project Manager*  
Hannah McDonough - *Project Manager*  
Greg McLaughlin - *Program Director*  
Tessa Reeder - *Project Associate*  
Stephanie Robinson - *Project Associate*  
Aiman Shahpurwala - *Data Analyst*

## Washington Water Trust Board of Directors

William Stelle - <i>President</i>	Rick Kirkby
Dale Bambrick - <i>Vice President</i>	Jessica Levin
Mitch Bateman - <i>Treasurer</i>	Robert Lothrop
Suzanne Skinner - <i>Secretary</i>	Kimberly Mueller
Lorri Bodi	Tom Ring
Amanda Cronin	LaTrisha Suggs
Benjamin Eickhoff	Amy Trainer
Sono Hashisaki	Christie True

## Office Locations

### **Seattle Office**

1500 Westlake Ave North  
Suite 202  
Seattle, WA 98109

### **Ellensburg Office**

103 East 4th Ave  
Suite 203  
Ellensburg, WA 98926

[www.washingtonwatertrust.org](http://www.washingtonwatertrust.org)







*Pink salmon in the  
Dungeness River*





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HEALTHY RIVERS AND STREAMS  
ACROSS WASHINGTON SO THAT  
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