



CLACKAMAS RIVER BASIN COUNCIL
2022 ANNUAL REPORT

20
22



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MESSAGE FROM BOARD OF DIRECTORS CHAIR & EXECUTIVE DIRECTOR

Todd Bartlett & Cheryl McGinnis

Friends and Supporters,

We are in awe of the beauty of nature and this gem, the Clackamas River watershed, for offering its bounty for diverse communities to recreate, live, work, farm, and enjoy clean high quality drinking water. It provides innumerable and irreplaceable natural resources for humans, fish and wildlife. It is a great gift to enjoy the wonder of this watershed through play, relaxation and engaging with one another.

We would like to share with you, our friends and partners, the Clackamas River Basin Council accomplishments of 2022. Because of your support, the CRBC has been able to improve fish habitat in several key areas in the watershed with more projects planned for the coming years.

We invite you to venture into this report to view and read about project accomplishments. To learn more, you will find clickable links that will take you further on a journey toward restoration and community involvement.

For example, you may be interested in the 18-month long Journey Down the Clackamas webinar series that includes recordings from each presentation -- just a click away! You can also read about instream habitat projects including our side channel reconnection project at the Sieben Creek confluence and a fish passage project in Little Eagle Creek. Find out about the Shade Our Streams program, which continues assisting landowners with invasive weed control and replanting with native trees and shrubs. You can learn about our wildfire recovery assistance to property owners impacted by the 2020 Riverside Fire. On page 9, read about the remote educational opportunities we offered during the pandemic, which was refined for 2022 high school classes, involving students in virtual reality tours during in-class and field-based learning.

Thank you for your partnership in our journey. Your support is appreciated!

Todd Bartlett, 2022 Board Chair, & Cheryl McGinnis, Executive Director

CLACKAMAS RIVER BASIN COUNCIL

MISSION

The Clackamas River Basin Council's mission is to foster partnerships for clean water and to improve fish and wildlife habitat and the quality of life for those who live, work and recreate in the Clackamas watershed.

OUR WATERSHED

The Clackamas watershed is a special place. The Clackamas River is a drinking water source for over 300,000 Oregonians. It is home to the last significant run of wild late winter coho in the lower Columbia River Basin, one of only two remaining runs of spring Chinook in the upper Willamette Basin, and a significant population of winter steelhead. The watershed is also home to threatened and endangered species. Mammals such as the fringed myotis bat, reptiles including Oregon's two native turtle species, native plants such as the Nelson's checkermallow, amphibians including the red-legged frog, and many birds including the olive-sided flycatcher call our basin home.

LAND DESIGNATION

The Clackamas River Basin has been home to native peoples for millennia. It is originally the territory of the Clackamas, Chinook, Molalla, Kalapuya, and other native peoples, and is currently recognized as lands of the Confederated Tribes of the Grand Ronde, the Confederated Tribes of the Warm Springs, and other Native Peoples who may not be federally recognized. We thank those who came before us for their stewardship of these lands and those who continue to steward them now and in the future.



INSTREAM & RIPARIAN PROJECTS



Photo right

Installation of a large woody habitat structure during construction at the Sieben River-bend Side Channel Reconnection Project site.

Replant Sieben Riverbend Side Channel Reconnection – During summer of 2022, CRBC successfully reconnected the Sieben-Riverbend side channel at the confluence of Sieben Creek-Clackamas River. Working with nearby residential communities, River Design Group, and Biohabitats, we excavated nearly 3,000 cubic yards (over 300 dump truck loads) of cobble bar material from the upper end of the nearly 1,750-foot new side channel. We further enhanced the side channel with the addition of 200 logs in 16 locations, treatment of invasive plants, and planting of native trees and shrubs. This project created important habitat for threatened and endangered salmon and steelhead.

[LEARN MORE](#)

Little Eagle Creek Fish Passage – Spearheaded by CRBC Board Member Dave Bugni, CRBC facilitated the removal of a 50-year old 6’ diameter culvert that was a complete barrier to fish passage on Little Eagle Creek. Now, a new fish-friendly 17’ wide pipe arch culvert stands in its place. Funding from the Oregon Department of Fish and Wildlife Fish Passage Program made this new culvert, which satisfies the provisions of Oregon’s new Private Forest Accord, possible. This project opened up about 4 miles of previously inaccessible stream habitat to anadromous fish including Coho and winter steelhead.

[LEARN MORE](#)

CTWS Side Channel Reconnection – In partnership with the Confederated Tribes of Warm Springs, we are planning a large stream and riparian restoration project on the Clackamas River upstream of Ripplebrook, OR. The project will create new side channels, add nearly 500 logs to nearly 1 mile of the Clackamas River, and remediate impacts from unauthorized users. We will restore over 7 acres of impacted riparian areas and improve habitat for culturally significant fish species. Planning is underway with construction scheduled to take place in 2024 with funding from the Oregon Water Enhancement Board, NOAA fisheries, and the Confederated Tribes of Warm Springs.

[LEARN MORE](#)

Landslide Toe Side Channel Reconnection – Also planned for summer of 2024 is the Landslide Toe project, which will reconnect over ½ mile of former river channel. This project entails excavation of 20,000 cubic yards of material from the upper end of the side channel allowing it to connect to the river more frequently during the cooler months. We will enhance the side channel with large wood including the addition of entire trees to create complex habitat for salmonids and other aquatic organisms. After construction, we will plant over 48,000 native plants and shrubs. Weed treatment began across the 72-acre site in 2022.

[LEARN MORE](#)



Shade Our Streams – With support from 3 funders, we planted 15,100 native trees and shrubs at 4 riparian restoration sites. This new planting will provide shade and ecological uplift to 2,300’ of streams in 6 acres of riparian habitat, along with some supplemental planting in the 3-acre Eagle Creek Confluence project area of Bonnie Lure State Recreation Area. We also initiated new Shade Our Streams projects at 7 sites, with 18.6 acres of habitat to be enhanced along over 6,000’ of streams starting in winter 2023.

[LEARN MORE](#)

Wildfire Recovery – CRBC has initiated wildfire recovery efforts at 3 properties totaling 32 acres, is assisting Clackamas SWCD with 2 other properties, and is continuing post-planting maintenance at an additional 2 properties. We also received funding from Bonneville Environmental Foundation and Sustainable Northwest to help connect other landowners with wildfire recovery assistance resources and to participate in learning and knowledge-sharing networks.

[LEARN MORE](#)



Photo left

A volunteer carries a shovel and bare root shrubs for planting at our Eagle Creek Confluence Project at Bonnie Lure State Recreation Area. During this work party volunteers planted over 300 plants and shrubs within the project area to restore the stream bank and provide important habitat.

Photo top right

Volunteers pose at Cross Park after a productive morning removing invasive weeds.

Photo bottom right

Burned trees at one of our wildfire recovery sites returning to a lush green understory with freshly planted trees.



MONITORING, EDUCATION & OUTREACH

A YEAR OF STEWARDSHIP, EDUCATION & FUN



As a Pesticide Stewardship Partner, we collected bi-weekly samples from five local creeks to track the presence of pesticides in our water. The data collected is used to create meaningful outreach campaigns to help our community reduce pesticide use.

[LEARN MORE >](#)



In 2022, CRBC hosted the final episodes of our 18-month long Journey Down the Clackamas webinar series. Throughout this series, hundreds of attendees tuned in to learn about our unique watershed from local and internationally recognized experts.

[LEARN MORE >](#)



Hundreds of volunteers did their part in 2022 to help CRBC improve habitats and drinking water quality while witnessing the Clackamas River's scenic beauty. Pictured left, a volunteer drags a recycled Christmas tree into the Clackamas River for salmon habitat.

[LEARN MORE >](#)



In 2022, over 50 volunteers cleaned a 22-mile stretch of the Clackamas River during the Down the River Cleanup, removing over 1,000 lbs of trash and recyclable material. This annual event hosted by CRBC and We Love Clean Rivers is made possible by community volunteers.

[LEARN MORE >](#)

COMING BACK TOGETHER

With many getting back to meeting in-person, CRBC was thrilled to welcome guests back to events and stewardship activities. We hosted an in-person Clackamas Watershed Celebration after taking two years off in response to the COVID19 pandemic. The 2022 event welcomed 100 attendees for dinner, a silent auction, a staff presentation, and our first collaborative art experience. We thank our Board of Directors, event sponsors, and silent auction donors for supporting this event that brought us all together once again.

With our partners, CRBC also provided free workshops for community members including Gardening for Wildlife and Healthy Streams and Forests. Through these free events, residents from our basin-and beyond-learned how to attract wildlife to their yards and learned how to manage a sustainable small woodlot.



Photo above

Drone captured scene from the Clackamas360 program. Photo taken above Riverside Park.

Photo below

Volunteers pose after cleaning up Orchard Summit along Trillium Creek. These hard working folks removed over 700 lbs of trash from an illegal dump site.

Clackamas360 Watershed Health Education Program

In 2022, CRBC enhanced our Clackamas360 virtual tour to create a fully immersive educational experience for students.

Working with a local business, CRBC moved the Clackamas360 tour from the desktop and onto Meta OculusGo virtual-reality headsets. When students put on these headsets they take a deep dive into watershed health topics as they "fly" through twelve drone-captured 360-degree scenes and interact with graphical icons placed throughout.

CRBC created this new VR program to inspire and engage the next generation of environmental stewards.

[LEARN MORE >](#)

COMMUNICATION METRICS

Volunteers
1,849 Hours

donated to CRBC by 941 volunteers for work parties, outreach and education in 2022.

Social Media: @ClackamasRiver
84,040 People

reached through CRBC's social media channels including Facebook, Instagram, YouTube and Twitter.

Classroom Education
250 Students

experienced CRBC's virtual-reality Clackamas360 Watershed Education programming.



NON-CASH COMMUNITY SUPPORT

POWER OF VOLUNTEERISM

We appreciate our volunteers who dedicate their time and talents to watershed stewardship activities. A total of 941 volunteers donated a resounding 1,849 total hours to CRBC in 2022! Their hands-on activities directly improved riparian health and wildlife habitats and strengthened community commitment to the watershed.

2022 Value of volunteerism to CRBC:

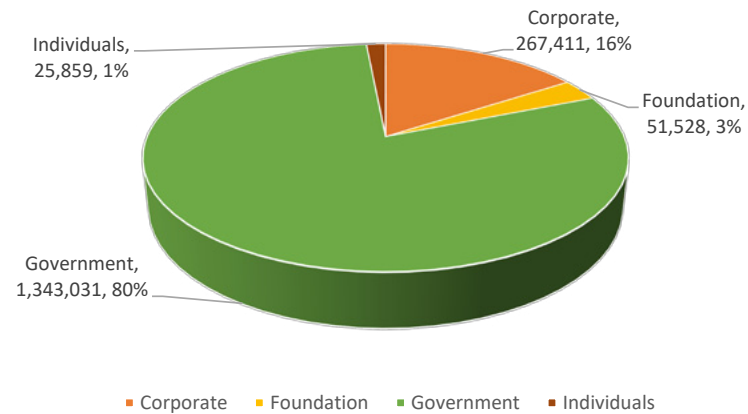
\$55,370

Volunteers are important to CRBC, for...

“When the river thrives, we all thrive — especially when we work together!”

REVENUE & EXPENSES

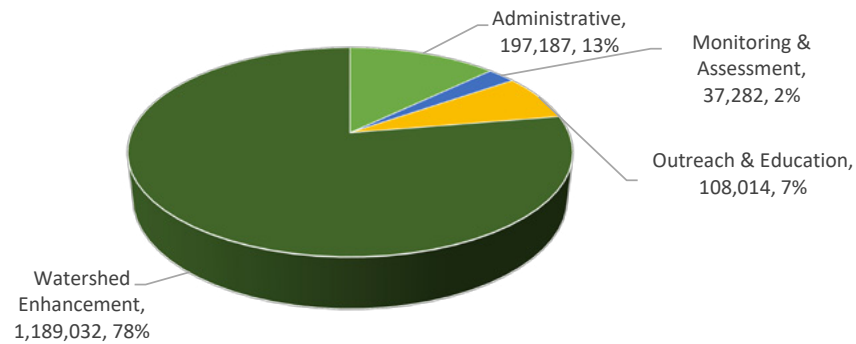
2022 Sources of Revenue: \$1,687,829



REVENUE INCREASING

Revenue increases are attributed to grant funds supporting current and future restoration projects, for implementation in 2020 through 2025 CRBC actively seeks additional funding to complete future projects.

2022 Expenses by Program



■ Administrative ■ Monitoring & Assessment ■ Outreach & Education ■ Watershed Enhancement

PROGRAM EXPENDITURES

Our activities emphasize restoration and on-the-ground projects dedicated to improving the watershed, water quality, and outreach & education. We monitor and assess conditions within the watershed to guide future activities to benefit local communities and to restore native fish populations.

VALUED PARTNERS

AntFarm YouthCore
AmazonSmile
American Medical Response
Aquatic Contracting
Backyard Habitats
Barton Convenience Store
Biohabitats
Bonneville Environmental Foundation
Bureau of Land Management
Cascade Environmental Group
Champoeg Nursery, Inc.
Chrysalis Farms
City of Estacada
City of Gladstone
City of Happy Valley
City of Lake Oswego
City of Milwaukie
City of Oregon City
Clackamas Community College
Environmental Learning Center
Clackamas County Board of Commissioners
Clackamas County Development Agency
Clackamas County Sheriff
Clackamas County Parks
Clackamas County Tourism
Clackamas River Community Cooperative
Clackamas River Invasive Species Partnership
Clackamas River Outfitters
Clackamas River Water
Clackamas River Water Providers

Clackamas Soil & Water Conservation District
Clackamas Stewardship Partners
Clackamas Water Education Team
Clackamas Water Environment Services
Confederated Tribes of Grand Ronde
Confederated Tribes of Warm Springs
David and Mary Ann Bugni
Diego Franco Contracting
Eastridge Church
Ecology in Classrooms and Outdoors
eNRG Kayaking
Evergreen Developers, LLC
Fred Meyer/Kroger Rewards
Greater Oregon City Watershed Council
Inter-Fluve, Inc.
J. Frank Schmidt & Son Co.
Johnson Creek Watershed Council
Lower Columbia Estuary Partnership
Metro
Molalla Riverwatch
National Wildlife Federation
North Clackamas Parks and Recreation
North Clackamas School District
North Clackamas Watersheds Council
North Willamette Research & Extension Center
Oregon Beverage and Recycling Cooperative
Oregon City Brewing Co.
Oregon Department of Agriculture

Oregon Department of Environmental Quality
Oregon Department of Fish & Wildlife
Oregon Department of Forestry
Oregon State Parks
Oregon Watershed Enhancement Board
OSU Extension Service
Paul and Margarita Chmykhalova
Pepsi Beverages of America
Pesticide Stewardship Partners
Port Blakely
Portland General Electric
Portland State University
Portland Waldorf School
Pudding River Watershed Council
River Design Group
Rivers of Life Center
Scholls Valley Native Nursery
Shade Our Streams Landowners SOLVE
St. Paul of Damascus Lutheran Church
Starbucks
Tigard Water District
Tina Johnson and Erin Holland
Travel Oregon
Trout Unlimited
U.S. Fish and Wildlife Service
U.S. Forest Service
U.S. Geological Survey
Warn Industries
Waterways Consulting, Inc.
We Love Clean Rivers

Our Successes are Achieved with Assistance from Our Many Partners. Thank You!

DONORS
MAKE OUR WORK POSSIBLE

INDIVIDUAL SUPPORTERS

Nicklaus Ackerman
David Albrecht
Jan Albrecht
Debbie Ames
Jim Austin
Sandra Barbera
Laurence Bennett & Catherine Bradford
Matthew Bleich
Winston Bradshaw
John & Karmen Bresko
David Bugni
Aaron Caldwell
Daniel Colish
Gwen Collier
Steve Cox
Sally Cramer
Cailin Daley
Jackie Dornfeld
Sarah Doubleday
John Epifanio
Stacy Franks
Akiko Gates

Zachary Gaylor
Elizabeth Gilliam
Ann Gray
David Griffith
Joyce Hamamura
Renee Harber
Ella Hasegawa
Marcy Hasegawa
Susan Hill
Joel Hollingworth
Andrew Janos
Amanda Jones
Pat Kaczmarek
Katherine Kallus
Karen Kleinke
Carol & Christopher Kleps
Amber Koons
Claudia Lee Zinser
William Lenon
Michael Machinski
Tammy Mackey
Annette Mattson
Cheryl McGinnis

Ryan Meagher
Melanie Meyer
William Monroe
Gary & Kathy Neal
David Penilton
Gary Schmidt
Gail Shaloum
Madelynne Sheehan
Lindsay Smith
Ivars Steinblums
Brandon Stewart
Trevor Syring
Leslie Thelma Schockner
Arisana Tolomei
Rachel Trujillo
Ruth Tsukuda
Diana Upton
Brenda Vaughn
Drew Weber
Ron Wierenga
Kirk Wille
Garth Wyatt
Sarah Wyllie

GOVERNMENT, CORPORATE, ORGANIZATION & FOUNDATION SUPPORT

Amazon Smile
Benevity Community Impact Fund
Biohabitats
Bonneville Environmental Foundation
City of Estacada
City of Gladstone
Clackamas County Parks
Clackamas River Water Providers
Clackamas Soil Water Conservation District
Clackamas Water Environment services
Clackamas River Invasive Species Partnership
Dornfield's
Gordon & Betty Moore Foundation
Inter-Fluve, Inc
Kawachi's
Lower Columbia Estuary Partnership

Metro
Oregon Beverage Recycling Cooperative & BottleDrop
Oregon Department of Agriculture
Oregon Department of Fish and Wildlife
Oregon Watershed Enhancement Board
Pershing
Portland General Electric
Promise the Pod
Renteria's
River Design Group
The Blackbaud Giving Fund
Tigard Water District
U.S. Forest Service
WARN Industries
William P Edlefsen Trust

CLACKAMAS RIVER BASIN COUNCIL
LEADERSHIP

BOARD OF DIRECTORS

Officers:

Todd Bartlett, Chair — Commerce Interests
David Bugni, Chair-Elect — Small Woodlot Owner
Jackie Tommas, Secretary — Environmental Interests
Renee Harber, Treasurer — Education/Youth
Gail Shaloum, Past Chair — Special Districts

Executive Committee Members at Large:

Bill Monroe — Recreation Interests
Harry Rectenwald — Fish & Wildlife
Tim Shibahara — Local Utilities

Along with Officers, Our Stakeholder Representatives:

Nick Ackerman — Local Utilities
David Andersen — Commerce
Katie Arstingstall — Native American Tribes & Interests
Casey Bage — Recreation Interests
John Borden — Environmental Interests
Ris Bradshaw — Mainstem Property Owners
Aaron Caldwell — Agriculture
Brian Chou — Industry
Gwen Collier — Citizens at Large
Douglas DeHart — Fish & Wildlife
Carl Exner — City Interests
Jeff Fulop — Small Woodlot Owners
Gary Guttridge — Tributary Property Owners
Lowell Hanna — Citizens at Large
Michael Karnosh — Native American Tribes & Interests
Earlean Marsh — Rural CPO
Maddy Sheehan — Citizens at Large
Ivars Steinblums — Citizens at Large
Jack Williamson — USFS Liaison

STAFF

Cheryl McGinnis — Executive Director
Isaac Sanders — Restoration Program Manager
Eric Butler — Riparian Specialist
Amy Butler — Communications & Stewardship Manager
Sharman Watts — Fiscal & Administrative Specialist





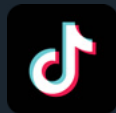
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www.clackamasriver.org



FOLLOW US ON SOCIAL MEDIA



CALL US

503-303-4372

MAIL US

Clackamas River Basin Council
PO Box 1869
Clackamas, OR 97015

VISIT US

5427 Glen Echo Avenue
Gladstone, OR 97027

ATTEND A COUNCIL MEETING

Held the 3rd Thursday of each month from 6:00pm - 8:30pm. Call or visit our website for information to join meetings.

