
CLACKAMAS RIVER BASIN COUNCIL
2021 ANNUAL REPORT

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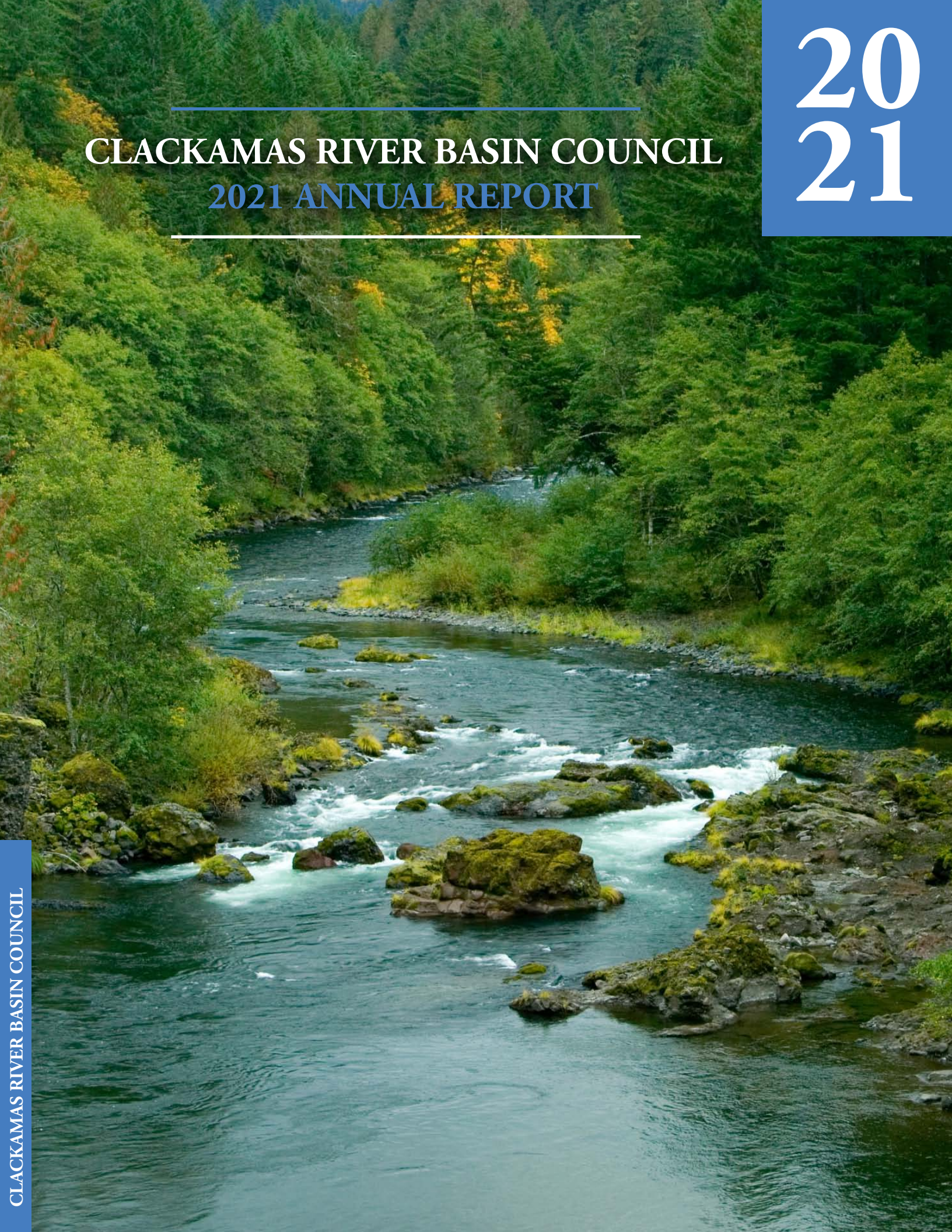






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CRBC Mission

Foster partnerships for clean water and to improve fish and wildlife habitat and the quality of life for all those who live, work, and play in the Clackamas watershed.

PO Box 1869, Clackamas, OR 97015, (503) 303-4372,
www.ClackamasRiver.org, info@clackamasriver.org

CLACKAMAS RIVER BASIN COUNCIL

**MESSAGE FROM
BOARD OF DIRECTORS CHAIR
& EXECUTIVE DIRECTOR**

Gail Shaloum & Cheryl McGinnis

Dear Friends and Partners

We thank you for supporting our outreach and restoration activities for 25 years!

In 2021, we commemorated our silver anniversary. The Clackamas River watershed is an ecological gem in Oregon, providing drinking water for over 10% of Oregonians, has wild and legacy salmon species increasing in numbers as they migrate from the ocean returning to their spawning grounds, with numerous recreation opportunities offering nature's bounty to residents and visitors alike.

We celebrated with a webinar series that not only informed but wowed attendees who listened and interacted with experts in geology, agriculture, Native Americans as first stewards, forests, fish, climate, and public policy. Senator Ron Wyden's opening remarks were a notable tribute to the benefits of natural resources within the basin. We were welcomed as salmon people, Wy-Kan-Ush-Pum. You can watch the series by going to linked YouTube videos found on our website <https://clackamasriver.org/journey-down-the-clackamas-conference/>.

On-the-ground achievements included assisting landowners whose properties were impacted by the 2020 wildfires as we replanted riparian areas with native plants installed by volunteers, staff and reforestation crews. We completed a side channel restoration project at Milo McIver State Park and worked with landowners on improving habitat on the Clackamas mainstem, in Eagle Creek, North Fork Deep Creek, and in Sieben Creek. You'll see project details within this report. We assisted local schools by engaging students, who continued online learning, in a virtual tour of the watershed that enhanced their science program with field trips to reinforce lessons learned in natural resource curriculum. And we continued to participate in the Clackamas Partnership's restoration action plan.

Our achievements are made possible by individual donors, as well as from local, state and federal grants seen in our financial review herein.

We appreciate all of our supporters including ClackCoTV who produced Clackamas River Basin Council Celebrating 25 Years — <https://youtu.be/Sd2LrCmRf3s>

Gail Shaloum, 2021 Chair, Board of Directors & Cheryl McGinnis, Executive Director

CLACKAMAS RIVER BASIN COUNCIL

Our Board of Directors

Officers:

Gail Shaloum, Chair — Special Districts
Todd Bartlett, Chair-Elect — Commerce Interests
Jackie Tommas, Secretary — Environmental Interests
Dave Albrecht, Treasurer — Education/Youth
Bill Monroe, Past Chair — Recreation Interests

Executive Committee Members at Large:

Dave Bugni — Small Woodlot Owners
Jeff Fulop — Small Woodlot Owners
Tim Shibahara — Local Utilities

Along with Officers, Our Stakeholder Representatives:

David Anderson — Commerce Interests
Katie Arstingstall — Native American Tribe Interests
John Borden — Environmental Interests
Ris Bradshaw — Mainstem Property Owners
Aaron Caldwell — Agriculture
Gwen Collier — Citizens-at-Large
Douglas DeHart — Fish & Wildlife
Carl Exner — City Interests
John Goodrich — Water Providers
Gary Guttridge — Tributary Property Owners
Lowell Hanna — Citizens-at-Large
Renee Harber — Education / Youth
Michael Karnosh — Native American Tribe Interests
Dave Kleinke — Citizens at Large
Earlean Marsh — Rural CPO
Harry Rectenwald — Fish & Wildlife
Maddy Sheehan — Citizens-at-Large
Ivars Steinblums — Citizens-at-Large
Justin Taylor — Industry
Jack Williamson — USFS Liaison

Staff

Cheryl McGinnis — Executive Director
Liz Gilliam — Restoration Program Manager
J. Ari Sindel — Riparian Specialist
Suzi Cloutier — Communications & Stewardship Manager
Sharman Watts — Fiscal & Administrative Specialist
Adam Spencer — Communications Coordinator



INSTREAM & RIPARIAN PROJECTS

Photo left

Contractors evaluate progress during construction of the Kingfisher Side Channel at Milo McIver State Park.

Photo opposite page top

Hydroseeding taking place at one of our Replant the Riverside Properties.

Photo opposite page bottom

Riparian Specialist J. Ari Sindel planting a tree seedling at one of our Replant the Riverside properties.



Kingfisher Side Channel Reconnection — This summer at Milo McIver State Park, near the Kingfisher Group site, we created a new 1/3 mile long perennial side channel. A large “Apex Jam” of logs, rootwads and boulders was built at the inlet of the channel to drive river water into the channel and create habitat, you can see the structure on the left bank of the river at the bottom of the fish hatchery hole. The project created new complex habitat for juvenile salmonids and other native fish by installing multiple log habitat structures, many embedded into the stream bank, along the new channel. The log and boulder structures mimic natural collections of large wood typically found in our local rivers and provide areas for fish to feed and thrive. Impacts to the existing riparian vegetation were mitigated by using a helicopter to fly logs into the site eliminating the need to create a road. Site prep for revegetation occurred in 2021.

North Fork Deep Creek — CRBC partnered with Metro to naturalize and replant a 3-acre area previously used for parking and storage near Boring, OR. The project increased important instream habitat complexity and cover for juvenile salmonids by adding logs and boulders to over 1,000 feet of Deep Creek. Partnering with Clackamas County Department of Transportation and Development, CRBC also improved access to nearly

a mile of upstream habitat by modifying the concrete box culvert under Richey Road to provide fish passage during low flow conditions. Site prep for revegetation occurred in 2021.

Sieben-Riverbend Side Channel Reconnection — CRBC selected a design team and started working to refine the designs and secure permits in preparation for in-stream work planned for summer 2022. The project will reconnect almost 0.4 mile of side channel habitat to the mainstem of the Clackamas River to benefit our native fish. By reconnecting the side channel to the river, fish will be able to access important slow water habitat, a scarce resource along the mainstem. The local community is excited to have the project moving forward and continue to be very active with CRBC and our partners in managing invasive weeds on their property.

Trees burned during the 2020 Labor Day Wildfires created hazards throughout the basin. Post-fire recovery efforts underway included hazard tree removals for commercial use. Damaged trees with no commercial value have significant value for instream habitat restoration work. CRBC was able to negotiate the use of salvage logs in 2021 for use in our upcoming 2022 Sieben-Riverbend Side Channel Reconnection Project.



Replant the Riverside — The 2020 Labor Day Wildfires impacted the Clackamas Basin, with two fires, Riverside and Dowty Road, damaging many properties and riparian areas. CRBC’s 2020 Annual Watershed Celebration, forced online by the COVID-19 pandemic, became a fundraiser for a new program we call Replant the Riverside. Donations enabled us to plant over 5,000 trees and shrubs to restore riparian habitat along 1,215 linear feet of stream on three properties—exceeding our expectations! We were even able to host a volunteer work party in March to plant trees at one site. Maintenance will continue at all Replant the Riverside sites through 2024. CRBC is deeply grateful for the support of our community in this effort.

Riparian Restoration — We planted at three additional sites this year. The 2020 Eagle Creek Confluence Large Wood Enhancement Project site in the Bonnie Lure State Recreation Area received a mix of native trees and shrubs to add riparian ecosystem functions to the in-stream habitat improvements. We also planted a 1-acre site on North Fork Deep Creek in Boring, formerly a gravel-covered vacant lot, associated with the culvert improvement project there. Finally, we interplanted at a 2017-2018 restoration site near the North Fork Reservoir to replace plantings

damaged by the Riverside Fire.

We conducted site preparation and invasive weed eradication at the recently completed in-stream restoration project at Kingfisher Side Channel in Milo McIver State Park, comprising 3-acres along the channel, and at the forthcoming Sieben Creek Confluence project, representing a combined 5 acres of restoration encompassing a stream, side channel, and nearby slopes and floodplains. Our partnerships with Oregon State Parks and the Clackamas River Community Cooperative, respectively, have been critical to these two projects.

CRBC is a partner in the Clackamas River Invasive Species Partnership (CRISP). This cooperative program supports efforts to control noxious weeds such as Japanese knotweed, garlic mustard, and purple loosestrife that displace native vegetation and negatively affect watershed function. Through CRISP, CRBC treated 6 sites representing a combined 36.4 acres for high-priority noxious weeds.

MONITORING, EDUCATION & OUTREACH

A YEAR OF STEWARDSHIP, ONLINE AND IN PERSON



Volunteers help replant a wildfire scarred landscape at one of our Replant the Riverside properties. We are grateful for the support received during the Replant the Riverside campaign, which helped restore lands ravaged by wildfires.



Property owners share their appreciation working with CRBC during hydroseeding on their property to prevent erosion after wildfires. Michael and Carol Call were featured in a video posted on our YouTube channel: <https://www.youtube.com/watch?v=aqgloUhuNyc>



As our online presence increases in the wake of the pandemic, CRBC engaged the community through social media to recruit new Parting with Pesticides pledgers. Over 50 social media posts were created in 2021 to increase community awareness about pesticide impacts in the basin.



CRBC outreach staff Suzi Cloutier and Adam Spencer join Riparian Specialist J. Ari Sindel to check planting progress at a Replant the Riverside property.

WORKING TOGETHER, EVEN WHEN WE'RE APART

The pandemic continues to alter volunteer and stewardship activities. To adapt to challenges, CRBC has been able to host safe outdoor work parties and move some workshops to a virtual platform. Our Gardening for Wildlife workshop continued on Zoom in 2021, with over 70 participants in each of the two online sessions.

CRBC hosted our annual Christmas tree installation at Milo McIver State Park, as well as volunteer work parties in our Replant the Riverside efforts. The Annual Down the River Cleanup occurred this year, and to keep volunteers safe, participants were encouraged to help clean the river in an asynchronous fashion, sharing their results with organizers.

Our pesticide monitoring in the Clackamas basin continues unaffected, and 5 creeks in the basin are monitored for 147 different pesticides.



Image right

On March 9, 2021 the Clackamas River Basin Council launched the Journey Down the Clackamas; an 18 month-long series of free seminars about our unique watershed and its natural resources, from the river's birth in alpine springs to its confluence with the Willamette River. Subjects range from geology, water quality and forestry to fish, recreational, cultural and public policy issues. The series consists of 33, one-to-two hour sessions, taught by local and internationally-recognized experts. So far, thousands of attendees have tuned in for these virtual seminars.

Photo below

CRBC Board of Directors and Staff take a tour with Tim Shibahara at the PGE Fish Sorter and Surface Collector on September 16, 2021.



Journey *Down the* Clackamas Conference

Journey Down the Clackamas

1,270 People

attended CRBC's Journey Down the Clackamas seminars in 2021.



Work Parties

150 Volunteer Hours

donated to CRBC to plant trees, install Christmas trees in side channels, and control invasive weeds.

Social Media: @ClackamasRiver

22,000+ People

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

Classroom Education

950 Students

experienced CRBC's virtual Clackamas360 Watershed Education programming.

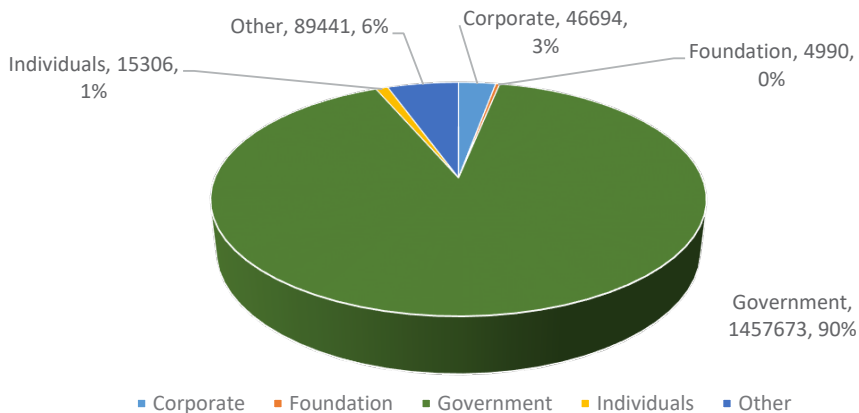
POWER OF PARTNESHIPS

Work in the watershed was generously supported by corporations, donations, foundations, and grants including:

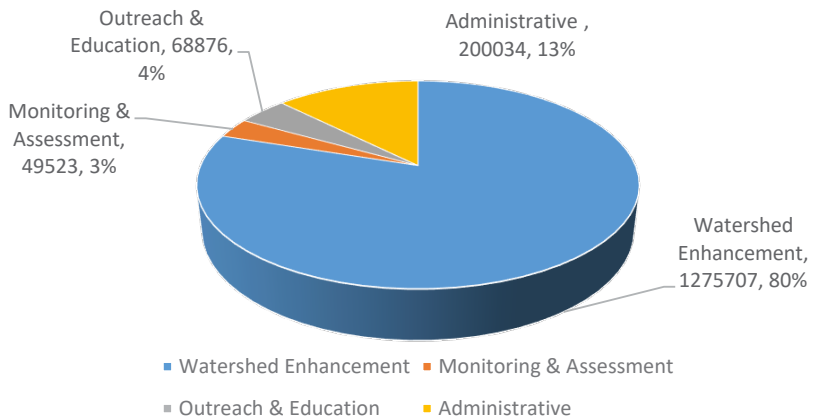
- Amazon Smile Contributions
- Clackamas Community College Environmental Learning Center
- Clackamas County Parks
- Clackamas River Water Providers
- Clackamas Soil & Water Conservation District
- Geological Society of the Oregon Country
- Individuals from Local Communities
- Johnson Creek Watershed Council
- Lower Columbia Estuary Partnership
- McBain & Associates
- Metro
- Molalla River Watch
- Oregon Beverage Recycling Coop
- Oregon Dept. of Agriculture
- Oregon Dept. of Environmental Quality
- Oregon State Parks
- Oregon Watershed Enhancement Board (OWEB)
- Port Blakely
- Portland General Electric
- Promise the Pod / One Tree Planted
- WARN Industries
- Water Environment Services (WES)
- We Love Clean Rivers
- US Forest Service

REVENUE & EXPENSES

2021 Sources of Revenue



2021 Expenses by Program



FOCUS OF ACTIVITIES

CRBC is dedicated to our mission. Our activities emphasize restoration and on-the-ground projects dedicated to improving the watershed, water quality, habitats for native wildlife, 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.

NON-CASH COMMUNITY SUPPORT

2021 Local Volunteerism: \$31,508.

Local volunteers are important to CRBC, for...

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

POWER OF VOLUNTEERISM

Thousands of volunteers dedicate their time and talents to watershed stewardship activities, with a resounding 1,104 total hours volunteered from 439 individuals! Their talents are used in several ways. The activities directly address limiting factors in our watershed by improving riparian habitat while building commitments to watershed stewardship.

CONTACT US

ONLINE

www.clackamasriver.org
info@clackamasriver.org
[Facebook.com/ClackamasRiver](https://www.facebook.com/ClackamasRiver)
[Instagram.com/ClackamasRiver](https://www.instagram.com/ClackamasRiver)
[Twitter.com/ClackamasRiver](https://twitter.com/ClackamasRiver)

BY MAIL

Clackamas River Basin Council
PO Box 1869
Clackamas, OR 97015

IN PERSON

5427 Glen Echo Avenue
Gladstone, OR 97027

BY PHONE

503-303-4372

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.

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

