



2022-2023: A Year in Review



tryoncreek.org



[@TryonCreekWC](https://www.instagram.com/tryoncreekwc)

Highlights

This report covers our activities from July 1, 2022 to June 30, 2023.



- Throughout the year, we continued to host our Watershed 101 Workshops and develop relationships with new groups, including a new approach for Earth Day 2023. *pg 4*



- Our Board members participated in a four-day equity training via the Center for Diversity & the Environment, thanks to Meyer Memorial Trust.



- We supported the City of Portland's Bureau of Environmental Services' work on the Highway 43 culvert replacement project, which is being spearheaded by US Army Corps of Engineers.



- We found the balance of virtual and in-person events. Stewardship Committee meetings and Science Talks are evenly split between via Zoom and in-person, and Board meetings are quarterly in-person. This is done to balance both peoples' schedules and facilitate relationship-building.



- In response to the first documentation on the West Coast of Emerald Ash Borer (EAB) which kills all ash trees, in Forest Grove about 10 miles from the Tryon Creek watershed, we responded by working with Lewis & Clark Environmental Engagement students to provide outreach & education on identifying symptoms of EAB infestations. This was followed by our spring GIS project. *pgs 5,6*



- We continued restoration along Nettle Creek and its tributaries through the City of Lake Oswego, and continued implementing restoration through Oregon Watershed Enhancement Board (OWEB) Small Grants. *pgs 2,3*





- TCWC's Coordinator, Alexis Barton, continued serving on the Board of the Network of Oregon Watershed Councils as a Region 3 (Willamette Valley) Representative.

- We welcomed two new L&C Student Representative Board members, Jack Fiocco ('24) and Mateo Kaiser ('23). Qwynci Bowman ('23) studied abroad!

- TCWC increased our engagement in Land Use processes regarding developments in the watershed, particularly projects vested under former EZone overlays and which will impact wetlands.

Social Media Growth

| | June '22 | July '23 |
|---|----------|----------|
|  | 1,046 | 1,089 |
|  | 1,292 | 1,466 |

By the Numbers

Restoration Projects

TCWC worked with **32** landowners on projects spanning

8.7 acres, with
2,880 plants installed



Education & Outreach

TCWC provided environmental education to **553** community members at **22** events & workshops via our Watershed 101 Workshop program, Science Talks, and community events

Volunteer & Board Engagement

188 volunteers contributed
369 volunteer hours
removing invasive species from
22,780 sq ft of work area,
freeing **28** trees from ivy,
and planting **434** native plants.



Their contributions are
valued at **\$11,734***

Tryon Creek Watershed Council's Board Members served **673** hours in 2022-2022, providing **\$21,385*** of in-kind organizational support.



* The monetary value of volunteer time is calculated using the annual standard rate from [Independent Sector](#)

Not included in above calculations: TCWC's 14th Annual Watershed Wide Event - see pg 3

Volunteer Restoration Events included: No Ivy Day; Watershed 101 Workshops; Lewis & Clark College's New Student Orientation Day of Service; LOUCC Black Plastic Removal Party; Riverdale NHS at Boonesferry HOA; Earth Day at Boones Ferry culvert.

Photos, from top to bottom: LOHS Students at LOUCC Black Plastic Removal Party; Lewis & Clark Inauguration Students; Fungus in a fir cone with Cascade Education corps; Lewis & Clark SEED students planting

Restoration: Events & Projects

14th Annual Watershed Wide Event

Watershed Wide Event volunteers met in on-site groups. Many volunteers came to Flying Pie pizza for lunch afterwards.

Across school campuses, HOA greenspaces, and natural areas, volunteers made a collective positive impact on the watershed!

162 volunteers across **9** sites
removed invasive plants from **3.8** acres
removed ivy vines from **94** trees
planted **574** native plants



Sites: Tryon Creek State Natural Area, Marshall Park, Lewis & Clark College, Tryon Life Community Farm, LO United Church of Christ, LO High School; HOAs: Boonesferry Terrace, Squire Crest, Mountain Park

Riparian Restoration on private properties



Through riparian restoration projects, invasive plant species were removed and native plants installed. Native plants support insects and pollinators, birds and other wildlife; additionally, trees' root systems provide better erosion control. These projects support a healthy riparian ecosystem.

OWEB Small Grants

OWEB Small Grants are well-suited for urban restoration projects, where work is done on smaller parcels of land. In 2022-2023, TCWC concluded work on a Small Grant in the Arnold Creek subwatershed and began work on a project in the Park Creek subwatershed, including delivering a Watershed 101 Workshop with neighbors at the Squire Crest HOA there.

Nettle Creek

TCWC implements riparian restoration in the Nettle Creek subwatershed through the City of Lake Oswego's Habitat Enhancement Program. TCWC implements restoration throughout the Nettle Creek subwatershed, especially along the Tryon Creek State Natural Area and at the Lake Oswego United Church of Christ.

TCWC is glad to contract with local companies Mosaic Ecology and Sound Native Plants for our riparian restoration projects.

Watershed 101 Workshop Program

Our Watershed 101 Workshop program is a flexible, mobile workshop with education and hands-on restoration activities; each presentation is tailored for workshop location (virtual or physical), audience, and activities. As a first this year, we put on a W101 workshop for a volunteer event (as opposed to for a self-organized group) at the Boones Ferry Bridge for Earth Day! *Photo at right.*

Watershed 101 Workshops:

358 people reached in education-only

171 volunteers engaged in restoration

434 native plants installed

213 tree ivy lifesavers



Highlights



This year, TCWC worked with the Wisdom Workforce Development (WWD) program, part of Wisdom of the Elders. The WWD program applies a holistic approach to habitat restoration through Native American Traditional Ecological Knowledge (TEK) and conventional Western science. The WWD program “strengthens Native workers’ career engagement, cultural identity, positive health and wellness resiliency”, and our time with them allowed us to address tree ivy in the Foley Balmer area of Marshall Park.

We were excited this year to resume our in-person Watershed 101 Workshops with the Oregon Refugee Children’s Assistance Services (ORCAS), providing young new Portlanders with their first experience in a Pacific Northwest forest. With the help of staff interpretation for several spoken languages, students learned about the background of natural areas in Oregon (particularly with Friends of Tryon Creek (FOTC) staff as part of the welcoming of the day), and to introduce basic ecology and watershed science.



This program was funded by Portland’s Bureau of Environmental Services’ CWSP Program.

From top, photos: Tree ivy removal with Cascade Education Corps (CEC), Watershed 101 presentation before Earth Day volunteer event; Wisdom Workforce Development interns & Wisdom of the Elders staff ivy removal in Marshall Park; ORCAS’ staff member Daya makes a funny face as we admire a banana slug

Responding to Emerald Ash Borer

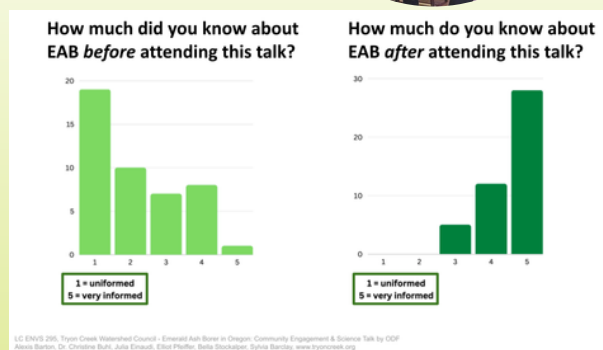
Emerald ash borer (“EAB”) was documented in Oregon for the first time in summer 2022, not far from the Tryon Creek watershed in Forest Grove. EAB poses a serious, devastating risk due to the high mortality level they impose on ash trees: Oregon ash grows along creeks, providing shade & erosion control. As Fall 2022 approached, TCWC partnered with Lewis & Clark College’s Environmental Engagement course on this emergent issue.

In their outreach and education work, the students in our group provided a brief overview about the implications of Emerald Ash Borer in Oregon, shared how to identify Oregon ash trees and symptoms of EAB infestation, and invited neighbors to the Science Talk. Students Sylvia Barclay, Julia Inauldi, Elliot Pfeiffer, and Bella Stockholper, accomplished the following:

- Guest presented at 7 SW Neighborhood Association meetings, distributed flyers and conversed with neighbors at the Hillsdale Farmers Market and local businesses.
 - 86 community members were reached
- Put together TCWC’s first hybrid Science Talk (in-person at the Lucky Lab & broadcasted on Zoom), featuring the Oregon Department of Forestry’s State Entomologist, Dr. Christine Buhl.
 - Over 100 people attended the Science Talk, 48 in person and 60 on Zoom
 - Students captured pre- and post-event learning to measure the impact and reach of the Science Talk



ENVS 295 student Elliot Pfeiffer developed the flyer art shown above.



[Read our full blog post about this collaboration at this link.](#)

TCWC’s next actions regarding Emerald Ash Borer are found on the next page

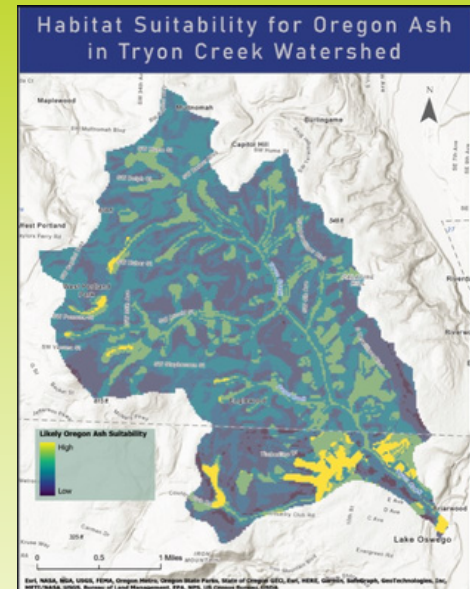
Science Talks & Student Projects

PCC GIS Student Project:

Emerald Ash Borer Habitat Mapping

Each spring, we work with PCC Sylvania GIS students to complete a GIS-based project. In Spring of 2023, we worked with PCC GIS student Joseph Stout who created a suitability map identifying likely habitat for Oregon Ash in the watershed, as well as a form in Survey123 that users can fill out to document location and health indicators for Oregon Ash. This will be followed by community trainings.

[View the StoryMap showing likely Emerald Ash Borer habitat in the Tryon Creek watershed at this link](#)



Our Watershed 101 program includes Science Talks on watershed ecology topics, delivered by regional experts.

151 community members
were reached via TCWC's
2022-23 Science Talks

Crayfish Monitoring

Kyla Schmitt, UO Clark Honors College '25, has been collecting data on crayfish and habitat conditions in the Tryon Creek watershed. With an expanded survey season in summer & fall 2022, Kyla presented her research on crayfish in the Tryon Creek watershed for our Spring 2023 Science Talk.

The objective of this study has been to identify whether invasive crayfish pose a threat to the Tryon Creek watershed, and to further contribute to the limited body of literature on the behavior, health, and habitat preferences of native signal crayfish in the region.



[Click to watch Kyla's presentation: Crayfish in the Creek: Science Talk - YouTube recording](#)

Photos: GIS Project by Joseph Stout; Emerald Ash Borer emerging from a tree with signature D-shaped holes (Colorado State University); Juvenile crayfish by Kyla Schmitt

To learn more about these projects, email alexis@tryoncreek.org

Financials

Fiscal Year is July 1, 2022 - June 30, 2023

| | 2023 | 2022 |
|--|-------------------|-------------------|
| Revenue and other support | | |
| Grants | 43,774 | 86,860 |
| Partner Funds | 29,000 | 32,375 |
| Fiscal Admin Fees | 7,970 | 5,975 |
| Contributions | 854 | 1,671 |
| Interest Income | 52 | 116 |
| Total Revenue and other support | \$ 81,650 | \$ 126,997 |
| Expenses | | |
| Program Services | | |
| Restoration/Riparian | 58,642 | 33,612 |
| Outreach | 12,170 | 12,479 |
| Total program services | 70,812 | 46,091 |
| Supporting Services | | |
| Administration | 24,305 | 32,467 |
| Total Expenses | \$ 95,117 | \$ 78,558 |
| Net assets, end of period | \$ 119,121 | \$ 138,450 |



We have continued to support our community this year by serving as a fiscal sponsor for two of our partners, represented in the above photos; click to visit their websites:

[Friends of April Hill Park](#)

(photo of April Hill Park boardwalk), &

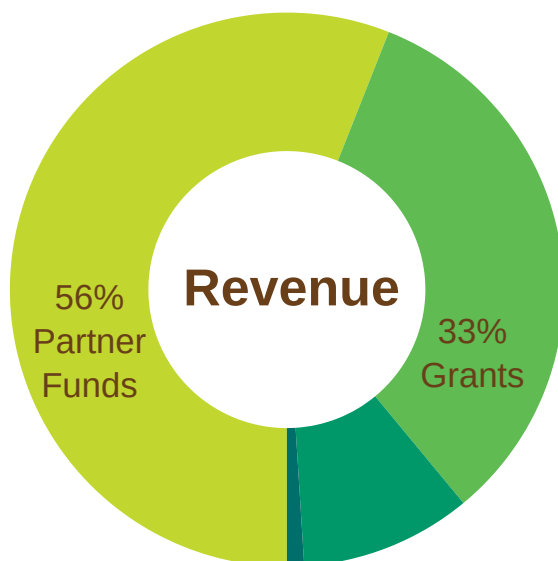
[HAKI Community Organization](#)

(photo of Mohamed Bahamadi & HAKI

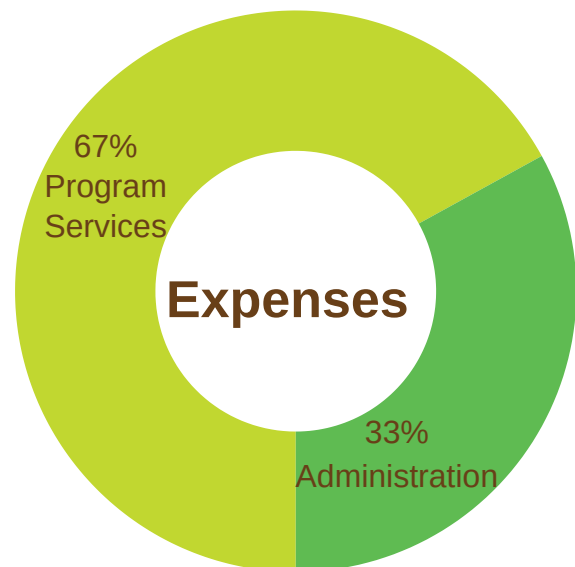
Community members with TCWC's

Alexis at our June 2022 Family Park Day)

In 2022, TCWC received reimbursement for a large multi-year restoration grant, as well as for organizational equity training; overall our funding structures remain sound.



10% - Fiscal Admin Fees
1% - Contributions & Fundraising



Program Services breakdown:
79% Restoration & Riparian; 21% Outreach

Staff and Board

Tryon Creek Watershed Council has a small staff and working board who support our many community outreach and restoration projects.

Staff

Alexis Barton, Coordinator

Board

Megan Hill, President

Glen Leverich, Vice President

Jennifer Jones, Secretary

Kristie Focht, Treasurer

Rebecca Crosby, At-large

Dusty Day, At-large

Jack Fiocco, Lewis & Clark College Student Representative

Jill Gaddis, At-large & Friends of April Hill Park

Danielle Goodrich, Technology Director & At-large

Mateo Kaiser, Lewis & Clark College Student Representative

Sharon Keast, At-large & Technology Director

Stuart Myers, At-large

Terri Preeg Riggsby, At-large



TCWC Board Members served 673 hours in 2022-2023

Ex-officio Board Members

Colleen Mitchell, Portland BES
Lynn Barlow, West Multnomah SWCD
Sonja Johnson, City of Lake Oswego

Ex-officio Board members are non-voting Board members who represent partner organizations

TCWC convenes quarterly Stewardship Committee meetings with regional partners in restoration

Stewardship Committee Members

Katherine Kallus & Ryan Sevey, Oregon Parks & Recreation
Seth Healy, Westside Watershed Resource Center
Lynn Barlow & Mary Logalbo, West Multnomah SWCD
Colleen Mitchell, Portland BES
Amy Stout, Friends of Tryon Creek
Maha Guliani, Portland Parks & Recreation
Justin Cooley, Clackamas Soil & Water Conservation District
Jack Halsey, Oswego Lake Watershed Council

Thank you to our Funders & Partners

Tryon Creek Watershed Council works using science and best practices to restore and protect the watershed, and to promote a stewardship ethic and understanding amongst our watershed residents and visitors.

Funders:

- City of Portland Bureau of Environmental Services
- City of Lake Oswego Habitat Enhancement Program
- Clackamas Soil & Water Conservation District
- Meyer Memorial Trust
- Oregon Watershed Enhancement Board
- West Multnomah Soil & Water Conservation District
- *You! Thank you to our individual donors*



Partners in Restoration & Outreach

- Boonesferry Terrace HOA
- Bosky Dell Native Nursery
- Cascade Education Corps
- City of Portland Bureau of Environmental Services
- City of Lake Oswego
- Clackamas Soil & Water Conservation District
- Friends of Tryon Creek
- HAKI Community Organization
- Jackson Middle School
- Lake Oswego High School
- Lake Oswego United Church of Christ
- Lewis & Clark College, Center for Social Change & Student Involvement
- Lewis & Clark College, Students Engaged in Eco Defense (SEED)
- Mosaic Ecology
- Mountain Park HOA
- Network of Oregon Watershed Councils
- Oswego Lake Watershed Council
- Oregon Department of Forestry
- Oregon Parks & Recreation District
- Oregon Refugee Childrens Assistance Services
- Portland Community College Sylvania
- Portland Parks & Recreation
- Riverdale Grade School
- Riverdale High School National Honors Society
- Sound Native Plants
- Squire Crest HOA
- Tryon Life Community Farm
- Westside Watershed Resource Center
- West Multnomah Soil & Water Conservation District
- Wisdom of the Elders

Photos on Page 1: From Multnomah Days, volunteer events, and Watershed 101 workshops, all by Tryon Creek Watershed Council, except Ensatina salamander at Earth Day event, by Janda R.

tryoncreek.org



@TryonCreekWC