



*Working together to protect and conserve our drinking water.*



# Annual Report

*For Fiscal Year 2021-22*



September 2022

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## *Background*

The Clackamas River Water Providers (CRWP) is a coalition of water providers that get their drinking water from the Clackamas River. The organization is made up of representatives from the City of Estacada, City of Lake Oswego, City of Tigard, Clackamas River Water, the North Clackamas County Water Commission (Oak Lodge Water Services, City of Gladstone), South Fork Water Board (City of Oregon City, City of West Linn), and Sunrise Water Authority (City of Happy Valley, Damascus area). It includes two staff people, a Water Resource Manager and a Public Outreach & Education Coordinator. Combined we serve water to over 300,000 people in Clackamas and Washington Counties.

The CRWP was created by an Intergovernmental Agreement in the Fall of 2007 to coordinate efforts regarding source water protection and public outreach and education around watershed issues, drinking water, and water conservation. Our goal is to preserve the Clackamas River as a high quality drinking water source and minimize future drinking water treatment costs, while being good stewards of the river.

Through these efforts we have been working together for more than fifteen years to jointly fund projects and studies that would be too expensive to do individually, to foster closer relationships with each other as intra-basin water suppliers, and to speak in one voice when working with other stakeholders in the basin such as PGE. This has allowed us to realize the economies of scale and save money by sharing in the costs of staff people to manage and coordinate programs that benefit all our agencies.

The following is a look at the year in review.

## COVID 19

This year COVID 19 continued to impact and change how we do things and how we are interacting with our members, citizens, and watershed partners. We continued to conduct most our work online and expand the programs that we implement into the virtual world.






## CRWP Website

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The Clackamas River Water Providers continue to use our website as a tool to communicate with our citizens and partners. Content on the website is updated on regular basis and includes information about CRWP members, our source water protection programs, and public outreach and water conservation programs, and is used as a tool for the Conservation Rebate and Landscape Audit Program. The Resources and Documents page contains CRWP outreach material, plans, and reports that can be downloaded. Go to [www.clackamasproviders.org](http://www.clackamasproviders.org) to visit the site.



**WORKING TOGETHER TO PROTECT AND CONSERVE OUR DRINKING WATER.**

 Watershed Protection	 Water Conservation	 Conservation Rebates
 Newsletter Sign-up	 Teacher Resource	 Landscape Water Audits
 Weekly Watering Number	 News & Resources	

## Source Water Protection Programs.

In 2010 the CRWP developed a Drinking Water Protection Plan for the Clackamas River watershed. This plan was updated in 2021 to reflect changes since the plan was originally written and acts as a road map of potential strategies and programs to implement over the next decade and beyond to preserve the Clackamas River as a high-quality drinking water source and to minimize future drinking water treatment costs. The CRWP continues to work on implementing elements of the Plan. The descriptions below describe the CRWP efforts for the 2021-22 fiscal year.

### Basin Analysis: Studies, GIS, Modeling and Water Quality Monitoring Monitoring Contract with USGS

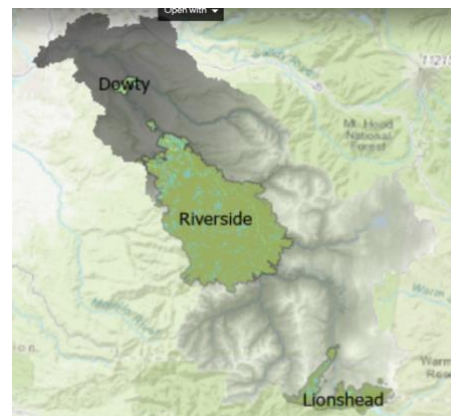
In July of 2021 the CRWP signed a Joint Funding Agreement with USGS to continue the data-collection program and provide the funding mechanism for the USGS to: (1) operate three continuous water-quality monitors in the Clackamas River (at Oregon City, Estacada, and Carter Bridge), and (2) operate a streamflow gage in the Clackamas River at Oregon City for a five-year period from October 2021 through September 2026.

These stations are strategically placed in the basin to provide a holistic view of water quality as water flows through the watershed. Although each station provides important information on their own, when used in combination the WQ monitors can pinpoint where turbidity sources originate (upper basin, middle basin, lower basin), help pinpoint changes in water quality based on land use in different parts of the basin, and can help identify where to start looking if a spill occurs.

These monitoring stations continuously log pH, specific conductivity, dissolved oxygen, temperature, fDOM, and turbidity. The Estacada and Oregon City gauges also records chlorophyll and streamflow. In addition to the monitoring contract, the CRWP paid for replacement probes, solutions and cables, as well as the utility fees for the real time data signals associated with the USGS monitoring sites. The water quality data can be accessed via the web at <https://or.water.usgs.gov/clackamas/monitors/>

### Post Fire WQ Sampling

The September 2020 the Riverside Fire burned around 23% of the Clackamas River watershed. In October of 2020 the Oregon Health Authority's Drinking Water Services Program provided water systems served by surface water with significant burn areas in their watershed *Post Fire Monitoring Guidance*. This



included sampling weekly for TOC, iron, manganese and storm sampling for Nitrate and Nitrite. The CRWP coordinated and funded a second year of weekly sampling from November of 2021 through April of 2022 at both the City of Estacada’s and the City of Lake Oswego’s water treatment plants. This data was shared with all CRWP member water treatment plants and members and can be found by going to <https://www.clackamasproviders.org/technical-data/>

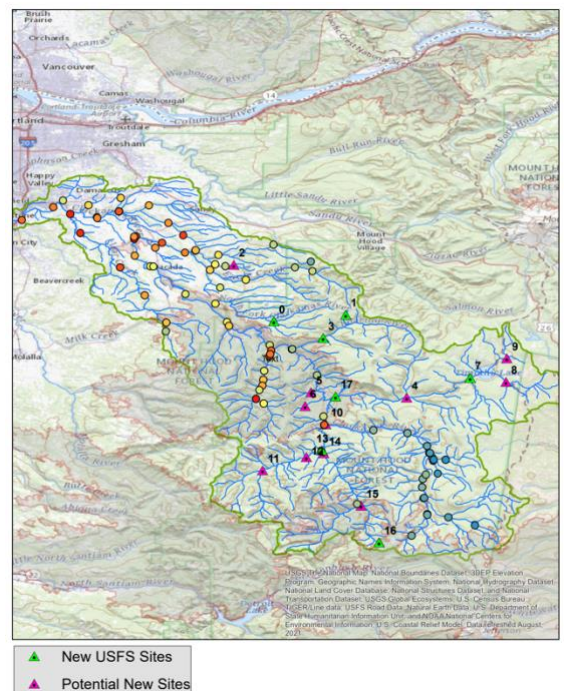
## Flow Calculator

The CRWP worked with the consulting firm Geosyntec to develop a web-based tool that automatically calculates and displays water provider withdrawals and river flows. The purpose of this tool was to provide CRWP members with a flexible platform that displays withdrawals with real time river flows, which is adaptable as calculations, and data input changes while reducing user error. During 2021 – 22 the CRWP maintained the webhosting for this online tool.

## Portland State University Thermal Mapping Project

The CRWP partnered with the Clackamas River Basin Council and Clackamas Water Environmental Services to providing funding for Portland State University to utilize data collected from 80 water temperature data loggers in the Clackamas watershed in 2021 to develop a set of high-resolution (1 kilometer) digital maps that represent present climate water temperature data. The primary goal of this study is to determine the spatial and temporal heterogeneity of water temperature within the basin.

The adjacent map shows the preliminary work PSU has done with the 2021 water temperature data. The colored circles are the 2021 water temperature data locations and representations of the 7-DADM maximum temperature, the triangles are where new sensors will be placed in 2022. Red and orange represent the warmest temperatures.



## NRCS National Water Quality Initiative Grant

In September of 2020 the CRWP was awarded a \$84,500 National Water Quality Initiative grant from the Natural Resources Conservation Service (NRCS) to develop a Source Water Assessment Plan for a portion of the Clackamas River Watershed where the predominate land use is agriculture. This Source Water Assessment Plan (SWAP) will characterize

watershed and source area conditions, identify contaminants and resources of concern, assess BMPs and conservation approaches for protecting source water areas, document implementation goals and objectives, describe effective monitoring approaches, and outline targeted outreach strategies for working with our agricultural landowners to protect water quality. It is anticipated that this project will be completed by the end of summer of 2022. The Final Source Water Assessment Plan can be found at [https://www.clackamasproviders.org/wp-content/uploads/2022/07/FINAL\\_NRCS\\_CRWP\\_Source-Water-Assessment-Plan.pdf](https://www.clackamasproviders.org/wp-content/uploads/2022/07/FINAL_NRCS_CRWP_Source-Water-Assessment-Plan.pdf)

### Climate Change/Water Supply

The objective of this program is to better understand how climate change may impact the future of the Clackamas River in terms of both water quality and water quantity. This includes looking at climate adaptation strategies as well as water supply planning. More information on CRWP efforts in this area can be found on the CRWP 's Watershed Resiliency webpage at <https://www.clackamasproviders.org/watershed-resiliency/>

### Education and Research Assistance

#### Portland State University - Clackamas Agriculture Water Right Inventory

During 2021-22 the CRWP provided a Portland State University graduate student a stipend to look at Agricultural water rights in the Clackamas watershed. The purpose of this project was to:

- Better understand Agricultural water rights (how many, where are they) in Clackamas watershed.
- To look at current OWRD laws, regulations, and programs for putting water back instream.
- Look at different frameworks that are being used around the state to do this, and how they might transfer to the Clackamas.
- To identify potential opportunities to work with Agriculture landowners in the watershed to put water back instream.

The results of this work will be available online to CRWP members and stakeholders in early 2023.

### Point Source Evaluation and Mitigation

#### Tracking, evaluating, and monitoring point sources (water quality and other permits)

The CRWP continues to review water quality permits that come up for renewal to see if there could be an impact on drinking water quality, and if there is an opportunity to

provide public comment on these permits. The CRWP comments generally look at ways to enhance permit requirements and ways to better notify CRWP members of spills, overflows, or contamination events. In addition, this is another tool to help educate and remind permittees that the Clackamas River is an important drinking water source.

## Portland General Electric (PGE) Blue Green Algae Team/Mitigation Fund Committee

The CRWP continues to be an active participant in PGE’s Blue Green Algae Team which oversees PGE’s Blue Green Algae Monitoring Program, and the PGE Mitigation Fund Committee. This year the Blue-Green Algae Team reviewed the 2021 Annual Blue-Green Algae Report, which included results from the annual monitoring program. Monitoring was conducted from early May through the end of September 2021. No blooms were observed at North Fork Reservoir and one bloom was observed at Timothy Lake but no toxins were detected. No suggested changes were made for the 2022 monitoring season. In 2020, PGE’s Mitigation Fund Committee received an update on the status of projects funded during the 2019 and 2015 funding cycles and had a discussion regarding the upcoming 2023/2024 funding cycle.

## Nonpoint Source Evaluation and Mitigation Eco Biz Certification Support

The CRWP continues to support the EcoBiz certification program. This certification program recognizes businesses that go beyond compliance with local environmental requirements and implement pollution prevention efforts in their work sites. Businesses are certified through an intensive application and evaluation process <http://ecobiz.org/>. Part of this support is by providing funding for the purchase of an EcoBiz Chinook Book Ad to help market the program.



## Clackamas Pollutant Load Modeling Update

In 2014 CRWP hired Geosyntec Consultants to better understand the relative and cumulative impacts to our drinking water source quality based on the different land uses in the watershed. To conduct this assessment a pollutant load modeling tool (PLMT, or the “tool”) was developed to assess baseline conditions and consider scenarios for management and risk reduction. In 2022 the CRWP hired Geosyntec Consultants to update the original modeling and transform the existing PLMT by incorporating additional and more relevant Best Management Practices, making the tool easier to use, and deploying it as an online tool with a built-in web map for easy display of source water

protection-related spatial data layers and model results. This work is expected to be completed in early 2023.

### Septic System Workshops

The CRWP and partners (Clackamas County and the Clackamas Soil and Water Conservation District) did not host a septic system workshop this year but instead referred people to our online resources and the recording of the workshop from the previous year. The purpose of this workshop is to provide information on how septic systems work, and why they need to be maintained, along with information on the financial assistance the CRWP provides for septic system owners in the Clackamas River watershed. The workshop recording and other resources can be found at <https://www.clackamasproviders.org/septic-system-assistance-program/>.

### Septic System Financial Assistance Program

The CRWP continued to offer septic system owners that live within the Clackamas River watershed financial assistance for septic system inspections and repairs. To be eligible for the program septic system owners had to live in the watershed upstream from CRWP drinking water intakes and use a DEQ Oregon Septic Smart certified business/contractor. A total of two cost share reimbursements for septic system repairs were processed for a total of \$1,300 in financial assistance.

### Drinking Water Source Protection Grant

At the end of 2021 the CRWP received a \$30,000 Drinking Water Source Protection Grant from the State of Oregon to work with our river recreation partners to support low impact recreation and promote river stewardship. Through this grant we are enhancing the source water protection connection to river recreation efforts through two activities. The first activity is working with We Love Clean Rivers (WLCR) to help them enhance and expand their River Ambassador program for the Clackamas River. The second effort is the creation of a *Clackamas Water Trail* website. This website highlights access points along the lower river, local amenities, and known river conditions and hazards. It also differentiates private and public property, and sensitive fish habitat areas that are not to be disturbed, as well as communicate how to be good river stewards and the importance of protecting our drinking water source. Click on the following link to visit the Clackamas Water Trail website <https://clackamaswatertrail.org/>

### Down the River Clean Up and River Ambassador Sponsorship

For the fourteenth year in a row the CRWP has provided funding to We Love Clean Rivers to support the Annual Clackamas Down the River Clean Up, and more recently to support their River Ambassador Program. This annual trash sweep at the end of summer covers a 22 mile stretch of the Clackamas River from Estacada to the confluence with the



Willamette River in Oregon City. It is one of the largest and longest-running on-water cleanup event of its kind in Oregon. Since 2003, over 40 tons of garbage have been removed from the Clackamas River by more than 4,500 volunteers.



The River Ambassadors initiative sprung out of a need to better connect river users with stewardship, recreation, and safety information while visiting the very popular Clackamas River, with the ultimate goals to: 1) Improve visitor experiences, 2) Communicate river conditions and hazards, 3) Reduce river congestion, 4) Encourage river stewardship and safety, 5) Connect visitors to the abundance of recreation services in the Clackamas River region, and 6) Monitor and collect data for river conservation.

### Hazardous Material Spill Prevention Program

The CRWP continues to work with the Pollution Prevention Resource Center (PPRC), a nonprofit organization that is one of the Northwest's leading sources of high-quality unbiased pollution prevention information, to implement both our technical and financial assistance for spill prevention efforts to businesses located within the Clackamas Industrial area. Through this program we continued to conduct outreach and provide technical and financial assistance to commercial and industrial businesses around hazardous material spill prevention. Click on the following link to see which business we worked with this past year, <https://www.clackamasproviders.org/wp-content/uploads/2022/08/CRWP-FY21-22-Final-Report-PPRC.pdf>.

### Pesticide Reduction Efforts with the Clackamas Soil & Water Conservation District

This year we partnered with the Clackamas Soil and Water Conservation District on two different projects. The first was an Agricultural Pesticide collection Event that took place in May of 2022 and collected over 10,000 lbs of unwanted or unused pesticides for disposal. The second effort was on developing a new video series on Pesticide Reduction Practices. These new videos will be completed by the winter of 2022 and posted on both the CRWP and CSWCD websites See *Appendix A - Pesticide Collection Event* information.

### Pesticide Reduction Efforts with the Clackamas River Basin Council

For the 15th year in a row the CRWP has worked with Clackamas River Basin Council to support an outreach program for voluntary pesticide reduction, through the implementation of a Pesticide Pledge Program. This program



is designed to educate property owners about the wise use of pesticides and to empower them to use alternatives to pesticides. Pledge participants then have the opportunity to display a basin-specific yard sign that acts as a reminder of the steps they are taking to promote and enhance watershed health.

### CRBC Financial Support

The CRWP continues to provide funding for operational support for the Clackamas River Basin Council. The Clackamas River Basin Council is working to protect and improve water quality, and fish and wildlife habitat in the Clackamas River basin.

### Stash the Trash Bags

The CRWP provided funding support to purchase more bags for the Stash the Trash program. The Stash the Trash campaign implemented by the Clackamas River Basin Council has helped achieve significant reductions in the amount of trash seen along and in the Clackamas River. Bags are distributed weekly at a number of locations in the watershed between Memorial Day and Labor Day each year. Sponsorship of this project includes having the Clackamas River Water Providers logo on the bag.



### Clackamas Partnership



The Clackamas Partnership formally came together in 2015 through an Oregon Watershed Enhancement Board (OWEB) Focus Investment Partnership Capacity and Strategic Planning grant with the goal of increasing the pace, scale, and complexity of restoration project implementation in the Clackamas watershed. In January of 2019 the Partnership was informed that they were awarded a 6-year Implementation Grant totaling \$8,744,080 to support fish habitat restoration in the Clackamas River Basin benefitting Chinook salmon, coho salmon, steelhead, and other native fish species.

The CRWP is recognized as a Supporting Partner who provides technical support, participates in project prioritization and planning through the technical advisory committee (TAC), supports implementation through funding, technical assistance and other means, and participates in the Partnership's governance and decision-making. The CRWP is also part of OWEB's Technical Review Team reviewing all of the individual grant projects for the Clackamas Focused Investment Partnership. In 2021-22 the Technical Review Team met twice to review 6 applications which included: 2 restoration, 2 technical assistance, 1 stakeholder engagement, and 1 monitoring project.

## Disaster Preparedness and Response

### The Clackamas River Spill Committee & Geographic Response Plan and Webtool Updates

The CRWP convenes an annual Clackamas River Spill Committee meeting with stakeholders (staff from DEQ, Clackamas County, ODOT, as well as local hazmat and first responders) to talk about hazardous material spills and spill response. This committee met twice this year, once in December of 2021 and again in June of 2022. In addition, 3 new response strategies that were created with input from Spill Committee members, updates were made to the GRP webtool and Geographic Response Plan, and a notification widget and the Mobile Ap were created.

### Quarterly Regroup Notification System Training

In April of 2020 the CRWP entered into a 3-year contract with Regroup to have up to 150 people in this notification system. Notifications can be sent via email, phone, text and app. The purpose of this system is to allow CRWP members (which include 5 water treatment plants and 10 cities and water districts) to quickly communicate with each other in regard to a water quality event that impacts one or all Clackamas water systems whether that be a boil water notice, hazardous material spill, or a cyanotoxin detection. The CRWP has been conducting quarterly training for CRWP members staff to ensure they are familiar with the system.

### Public Outreach and Information Sharing

See the Public Outreach & Education Program section for additional information.

### Annual Watershed Tour

Due to ongoing COVID concerns the fall 2021 annual watershed tour was canceled. This has always been one of the highlights of the fall because it has given us the opportunity to talk to CRWP member elected officials and interested citizen about the amazing watershed their drinking water comes from. We hope to be able to resume our tour in the fall of 2022.

### Source Water Protection Presentations

CRWP staff conducted a number of presentations this fiscal year focusing on CRWP source water protection efforts and climate change. See *Appendix B* for a description of these presentations.

## Other Water Resource Activities

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### Stored Water Agreement with Portland General Electric (PGE)

The CRWP continues to implement the Stored Water Agreement with PGE, providing CRWP members with the ability to call for water to be released from Timothy Lake at certain times of year for municipal water use. During the summer of 2021 the CRWP worked with PGE, and the Oregon Department of Fish and Wildlife to make a call for additional water to be released from Timothy Lake in September to augment flows in the Clackamas River for fish.

### Water Resource Related Committees

The Water Resource Manager continues to represent the interests of the CRWP on a number of different water resource related committees. These include: the Oregon Water Utilities Council, Clackamas County Local Emergency Planning Committee, the Clackamas Stewardship Partners, the Clackamas Partnership, Clackamas Technical Basin Workgroup, EcoBiz Pollution Prevention Outreach Team, the America Water Resource Association Leadership and Recognition Committee, and the American Water Works Association Source Water Protection Committee.

## Public Outreach & Education Program

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This program provides public outreach and education, as well as conservation services and programs to CRWP members. Some of the activities described below are not provided for the City of Lake Oswego or the City of Tigard. The primary focus of the program is on education and outreach efforts to the public regarding source water protection and watershed issues, drinking water treatment and distribution, indoor and outdoor water use, and water conservation. This allows us to provide a holistic view of how our water resources are connected and why it is important to protect and conserve the water we get from the Clackamas River. There are a number of individual programs or components that provide awareness, information, motivation and action for our customers. The following is a summary of what the public outreach and education program accomplished this past year.

### Youth Education, Presentations, and Assembly Programs

The CRWP youth education program is an integral part of our outreach and education efforts. The goal of this program is to educate students about the Clackamas River watershed, the process for treating and distributing public drinking water, and water conservation issues so they develop overall awareness and water changing behaviors. The

secondary goal is for students to take this information back to their parents. The CRWP programs are offered at no cost to the schools and range from classroom presentations done by staff, assembly programs performed by contractors, as well as education resources for teachers.

This past year was the first-year students were back to “in person” school as a result of COVID 19. Because of this, and the fact that each school district and school had specific rules regarding visitors to the school, the CRWP visited only a few of our schools.

The CRWP continues to support water education in the schools by providing our teachers with a “Educating from Home Resource List” which is a list of water, environmental, and science resources for teachers, educators, and parents. In addition, we have videos of our two most popular classroom presentations “Source to the Tap” and “Non-point Source Pollution”. These videos are available on our website under the Teacher Resource page. Also available on our Teacher Resource page are videos of Will Hornyak’s stories which he also provides to our schools in person. See *Appendix C* for a list of CRWP schools, and *Appendix D* for a breakdown of the service areas where programs and presentations were completed.

### Treatment Plant Tours

The Public Outreach & Education Program coordinates water treatment plant tours for the general public and CRWP member area schools. Due to continued COVID 19 restrictions we were unable to provide in person treatment plant tours. For this reason, in 2020 we worked with our members to developed virtual tours of our CRWP member treatment plants. This included videos for: the City of Estacada, Clackamas River Water, the North Clackamas Water Commission, and South Fork Water Board. The Lake Oswego Tigard Partnership provided their own video. All of these videos are available to teachers and the general public on our website on the Treatment Plant Tours page

<https://www.clackamasproviders.org/treatment-plant-tours/>

### Mini Water Education Grants for Teachers

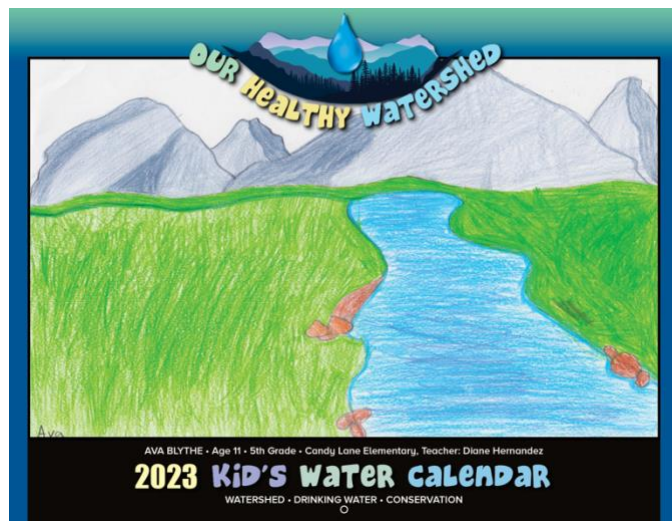
The youth education program offers Mini Water Education Grants to teachers. These grants of up to \$250 are intended to provide supplemental funding for water related projects or field trips to encourage water education in the schools. We provided 8 grants for 8 teachers this past year. See *Appendix E* for more detailed information.

### Water Conservation Calendar

The Annual Water Calendar is a collaborative project with CRWP member grade schools where local students participate in a coloring contest with a water education theme. The

theme for the 2023 Calendar was “Our Healthy Watershed”. This year 22 classes from 15 different schools participated in the contest with approximately 600 entries.

One picture from each class was chosen to be in the calendar and displayed on the CRWP website from May 2-13th so family, friends, and our community members could vote for which one of the 22 pictures would be on the cover. The remaining pictures are displayed each month and on the “Honorable Mention” page at the back



of the calendar. Each school that had at least one class participate in the contest will receive a box (100) of calendars to give out to family and friends. Additional calendars are available to teachers, families, and the general public upon request. See *Appendix F* for a list of schools and teachers that participated in the project this year.

## 17th Annual Clackamas County Water Education Team (CCWET) Celebrating Water Festival

Because of continued COVID-19 restrictions for the 3<sup>rd</sup> time in event history the Celebrating Water Festival was canceled in order to ensure the health and safety of all who are involved in organizing and presenting the festival, the students, their teachers, and chaperones who would have attended the event.

## 29<sup>th</sup> Annual Clean Water Festival - Virtual Festival

Staff continues to support the Children’s Clean Water Festival by being an active member and current Chair of the organization planning committee. Due to continued COVID -19 restrictions the in-person 2022 Children’s Clean Water Festival was cancelled and was replaced with a virtual festival. This year the Committee built on the lesson plans which were created in the previous year by translating the videos and worksheets into the top 4 languages (Spanish, Simplified Chinese, Vietnamese, and Russian) identified to be spoken in our areas. The six lesson plans are designed to support 4th grade science standards which could be used in succession or individually and are available on the Children’s Clean Water Festival website at [www.cleanwaterfestival.org](http://www.cleanwaterfestival.org).

## Support of Clackamas County Sustainability Outreach to Businesses

The CRWP continues to partner with Clackamas County to support the Sustainability & Solid Waste Business Outreach Team by providing the County with bathroom/kitchen faucet aerators, industrial pre-rinse spray nozzles, and a number of water conservation

brochures to help business owners within the CRWP service areas learn how to be more efficient with their water and earn their “Leaders in Sustainability” certification. Over the last four years, the business team has begun working with more restaurants and other food businesses, who are also high-water users.

This year the Sustainability & Solid Waste business outreach team had to modify their service model significantly due to the COVID-19 pandemic and challenges of onsite assistance. However, despite many barriers to in-person assistance the team still provided bi-monthly e-newsletters, and direct waste, recycling and waste reduction assistance to over 400 businesses throughout the county and certified 5 businesses as a “Leaders in Sustainability”.

There are now 58 businesses certified that represent over 7,300 staff, getting recognized for their efforts in waste and toxics reduction, green purchasing, corporate social responsibility, energy and water conservation. Overall, the County’s Sustainability & Solid Waste Business Outreach Team provided businesses in our service areas with 15 - 1.5 GPM kitchen faucet aerators, 12 - 1gpm bathroom faucet aerators, and 15 - pre-rinse kitchen spray nozzles.

### Clackamas Community College Horticultural Department Water Efficient Demonstration Garden & IA Classes

The CRWP continues to work with Clackamas Community College Horticultural Department by providing financial support of \$2000 for the update of the Water Efficient Demonstration Garden located at CCC which was originally installed in 2003. This past year funds were available to draw from for the Water Efficient Demonstration Garden upgrade and maintenance, rain gardens and bio-swales located at the CCC Oregon City Campus, signage, and upkeep and improvements.

The CRWP has also collaborated with the Horticultural Department and the City of Lake Oswego for the third year in a row to bring 2 of the Irrigation Association's (IA) certification classes to the college. The first class, a one-day Landscape Design class was held April 16<sup>th</sup> 2022 and the second class a 2-day Landscape Maintenance class, which was co-hosted with a Spanish speaking Instructor was held on November 5<sup>th</sup> and 6<sup>th</sup> of 2021. Both classes had max attendance of 20 attendees. The CRWP also provided funding (\$350) to purchase the IA booklets for participants.

### Clackamas Community College Environmental Learning Center

This past year the CRWP continues to work with the Environmental Learning Center. The CRWP supports the ELC’s community education efforts by providing them with \$2000 to put towards the purchase of “Live Stream” equipment, deliver an additional virtual Water

Industry Career Event for high school students, waders for ELC staff and student use, and sponsorship of a Professional Development workshop.

## Community Events

Because of the COVID-19 pandemic the CRWP did not participate in any public events this year.

## Adult Presentations

CRWP staff offer free presentations and interviews to adult audiences. These give staff the opportunity to talk to members of our community as well as peers regarding the Clackamas River Water Providers group and how we operate, where our water comes from, how we treat the river water for public use and why watershed protection and water conservation are so important. The goal of this program is to continue outreach to neighborhood associations, CPO's, local garden groups, or other civic groups interested in learning about our drinking water. This year staff gave 6 adult presentations/interviews. See *Appendix G* for a list of adult presentations given this year.

## Newsletters & Websites

CRWP staff continues to send CRWP public education and outreach member agencies articles and information throughout the year for their newsletters and websites. Topics ranged from general water conservation, indoor conservation, to outdoor conservation tips, watershed and water resource issues, emergency preparedness as well as resources that are available through the CRWP such as the rebate and landscape water audit programs. In addition, the CRWP has a quarterly E-newsletter that is distributed to CRWP customers, members and interested parties, as well as being posted on the CRWP website. See *Appendix H* for an example of our quarterly E newsletter.

## Conservation Outreach Materials & Conservation Tools

The CRWP continues to develop and distribute outreach materials and use a number of promotional items with the CRWP logo and contact information on them such as shower timers, pencils, paper bags, indoor water audit kits and brochures. All of these materials are available upon request and/or are posted on the CRWP website where they can be downloaded. <https://www.clackamasproviders.org/conservation-tools/> and <https://www.clackamasproviders.org/resources/>



## Fish on the Run, Irrigation Done! Summer Watering Campaign

This was the fourth year of implementing the CRWP summer *Fish on the Run. Irrigation Done!* conservation messaging campaign created to encourage CRWP member customers to reduce outdoor water use starting in mid-August and to discontinue outdoor water use by mid-September so that we can leave more water in the river for the fall Chinook and Coho fish migrations.



The campaign includes webpages created for the CRWP website specific to this campaign that provide customers with more information, conservation articles, audio PSAs, as well as the ability to take the Fish on the Run pledge online and receive a “Fish on the Run, Irrigation Done!” yard sign to show neighbors they are doing their part in keeping water in the Clackamas River for fish.

In an effort to further educate our member’s customers, the CRWP uses a Water Conservation Meter with “Action Tips”. This visual meter shows GREEN, YELLOW, or RED levels and is evaluated weekly throughout the late summer to notify users of the severity of the river conditions and how much we should be conserving. The “Action Tips” give customers conservation actions they can do right now to help keep water in the river. Customers are encouraged to visit our website and the Fish on Run webpage for specific conservation information, tips, or to participate in the Fish on the Run pledge.

In addition to the webpage and outreach materials the CRWP worked with Pamplin Media Group to place a press release, digital ads and print ads in the following CRWP member area newspapers: Clackamas, Estacada, Lake Oswego, Oregon City, Tigard, and West Linn. This campaign runs from August to October each year.

## Technical and Financial Assistance Programs

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### FREE Water Efficient Landscape Audit Program

The CRWP contracts with a landscape and irrigation professional to perform these free water efficient landscape audits for the following CRWP members: Clackamas River Water, the City of Estacada, the City of Gladstone, Oak Lodge Water Services, South Fork Water Board (Oregon City and West Linn), and Sunrise Water Authority (Happy Valley and Damascus). The Audits consist of a complete onsite overview of the customer's landscape starting with the location of the customer's meter, checking for leaks, an inspection of the customer's irrigation system, and a full walk through of the customer's yard, garden, and lawn areas.

Customers are invited to use this time with the Auditor to answer any questions and address any landscape and watering concerns they might have. When the onsite audit is complete the customer receives a full written report with water efficient recommendations. The program is marketed through the distribution of a brochure at CRWP member's offices, at summer events, as well as through the CRWP website. Thirty-seven customers took advantage of the audits this year. See *Appendix I* for more details and a copy of the brochure.

### Water Conservation Rebate Program

The CRWP public outreach and education program completed its eleventh year of administering the Water Conservation Rebate Program. A total of 300 rebate applications were processed with a total 331 rebates this past year. The Program offers a range of rebates for toilets, clothes washers, smart irrigation controllers, hose bib timers and/or irrigation rain switch, and irrigation spray nozzles. In addition, for a third year the rebate program also included the \$100 rebate for a Flume Smart Home Water Monitoring System. The program is marketed through the distribution of brochures at CRWP member's offices, and at local Home Depots and Lowes, and to the public at summer events as well as through the CRWP website. See *Appendix J* for details.

## Other Public Education and Outreach Activities

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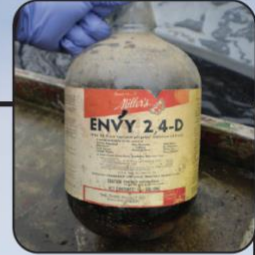
### Conservation Related Committees

CRWP staff continues to attend meetings and represent the CRWP interests on a number of different public outreach and conservation related committees. These include the Regional Water Provider's Consortium Conservation and Communicators Network Committees, the Children's Clean Water Festival Planning Committee, Chair of the Clackamas County Water Education Team (CCWET), a member of the Clackamas Sustainability Cooperative, and a member of the PNWS-AWWA Conservation Committee, and Chair of the Northwest Oregon subsection Waterworks School organization committee.

## Appendix A - Pesticide Collection Event

# FREE Pesticide Collection Event

**Saturday, May 14, 2022, in Clackamas, Oregon  
by appointment only**



- Anonymous collection event
- **Free** disposal of old, restricted, or unusable pesticides
- Triple-rinsed or pressure-washed plastic pesticide containers recycled  
- caps and paper pamphlets removed
- no registration needed for empty plastic containers
- **Registration required for an appointment to drop off pesticides**

To register, download forms at:

[www.clackamasproviders.org](http://www.clackamasproviders.org)   [www.conservationdistrict.org](http://www.conservationdistrict.org)

Or

contact Jonathan Van Hoesen of Clean Harbors Environmental  
Services

at 503-307-3603

or [vanhoesen.jonathan@cleanharbors.com](mailto:vanhoesen.jonathan@cleanharbors.com)

**Register by May 1, 2022.**

**After May 1 call Clean Harbors to see if room is available!**

**Funding is limited, so register early!**



**FREE Agriculture Pesticide Collection Event**  
**Saturday, May 14, 2022, in Clackamas, Oregon**  
**by appointment only**

- Anonymous collection event
- **Free** disposal of old restricted pesticides or other unusable pesticides
- Triple-rinsed or pressure-washed plastic pesticide containers collected FREE - caps and paper pamphlets removed
- no registration needed for empty containers
- **Must pre-register for appointment to drop off pesticides**

**Pre-register: Contact Jonathan Van Hoesen of Clean Harbors Environmental Services at 503-307-3603 or [vanhoesen.jonathan@cleanharbors.com](mailto:vanhoesen.jonathan@cleanharbors.com) pre-register by May 1, 2022.**

**After May 1 call Clean Harbors to see if room is available!**

**Registration forms and more information available at [www.clackamasproviders.org](http://www.clackamasproviders.org) or [www.conservationdistrict.org](http://www.conservationdistrict.org)**

**Limited funding! So register early!**

**Sponsored by: Clackamas River Water Providers, Clackamas Soil and Water Conservation District, Oregon Department of Agriculture, and Agri-Plas Inc.**

## **Appendix B – Source Water Protection Presentations**

### **ODFW Beaver State Podcast (Oct 2021)**

In October the Water Resource Manager recorded a podcast with staff from PGE and ODFW about the Clackamas River, Climate Change, Drought, Partnerships, and Fish.

### **DEQ Presentation (Nov 2021)**

In November the Water Resource Manager gave a presentation to the DEQ Willamette Basin Coordinators at their quarterly meeting regarding the CRWP Fish on the Run. Irrigation Done! Campaign. The presentation provided an overview of "why"/purpose of the campaign and what is included in our campaign efforts, how we are reaching our customers with the message, and how we are measure success.

### **Source Water Collaborative Network Meeting (March 2022)**

The Water Resource Manager participated in the Source Water Collaboratives meeting in March. At this meeting the WRM gave a presentation on *Using GIS Tools to Assess and Protect Source Waters*. The presentation covered the recent updates of the GIS Risk Analysis and new associated webmaps along with the Geographic Response Webtool for hazardous material spills and how these help inform the implementation of CRWP source water protection program and working with Basin stakeholders.

### **Clackamas Local Emergency Planning Committee Presentation (March 2022)**

The Water Resource Manager provide the Clackamas LEPC with an overview of the CRWP, how the 2018 American Water Infrastructure Act (AWIA) made changes to both the Safe Drinking Water Act and the Emergency Planning and Community Right To Know Act (EPCRA), and how the CRWP was using hazardous material information from the State to inform and plan around a hazardous material spill that could impact the Clackamas River which is a drinking water source for over 300,000 people.

### **Clackamas River Water Podcast (April 2022)**

In April the WRM was a guest speaker on Clackamas River Waters monthly pod cast. The focus of this month's pod cast was on Rain – not enough and two much and what this means for the Clackamas River.

## **Appendix C - CRWP Schools**

There are 55 schools from 4 different school districts in the Clackamas River Water Providers combined service area that were offered CRWP youth education programs. Below is a list of these schools.

### **City of Estacada Schools**

- Clackamas River Elementary
- River Mill Elementary
- Estacada Jr. High School
- Estacada High School

### **City of Gladstone Schools**

- John Wetten Elementary
- Kraxberger Middle School
- Gladstone High school

### **Clackamas River Water Schools**

- Beaver Creek Elementary
- Bilquist Elementary
- Redland Elementary
- Lot Whitcomb Elementary
- Linwood Elementary
- Sojourner School
- Cascade Heights Public Charter School
- Alder Creek Middle School
- Ogden Middle School
- La Salle High School
- Sabin - Schellenberg Professional Technical Center

### **Oak Lodge Water Services Schools**

- Candy Lane Elementary
- Jennings Lodge Elementary
- Oak Grove Elementary
- Riverside Elementary
- View Acres Elementary
- New Urban High School
- Rex Putnam High School

### **South Fork - Oregon City Schools**

- Gaffney Lane Elementary
- Holcomb Elementary

- John McLoughlin Elementary
- Gardiner Middle School
- Oregon City High School
- Spring Water Environmental Sciences School
- Alliance Charter Academy

### **South Fork - West Linn Schools**

- Bolton Primary
- Cedaroak Park Primary
- Sunset Primary
- Trillium Creek Primary
- Willamette Primary
- Rosemount Ridge Middle School
- West Linn High School
- 3 River Charter School

### **Sunrise Water Authority Schools**

- Beatrice Morrow Cannady Elementary
- Deep Creek Damascus K-8
- Happy Valley Elementary
- Mt. Scott Elementary
- Oregon Trail Elementary
- Spring Mountain Elementary
- Sunnyside Elementary
- Verne Duncan Elementary
- Lewis and Clark Montessori Public Charter School
- Scouters Mountain Middle School
- Rock Creek Middle School
- Happy Valley Middle School
- Damascus Middle School
- Clackamas High School
- Adrienne C. Nelson High School

## **Appendix D - Youth Education Program & Presentation**

A total of 31 classroom presentations and assembly programs were completed between October 15, 2021 and June 15, 2022. Below is a breakdown of where these programs and presentations were completed.

### **City of Gladstone**

Total # of presentation = 5

### **Clackamas River Water**

Total # of presentations = 1

### **Oak Lodge Water Services**

Total # of presentations = 2

### **South Fork Water Board**

Oregon City = 4

West Linn = 2

Total # of presentations = 6

### **Sunrise Water Authority**

Total # of presentations = 11

## **Appendix E - Mini Water Education Grants**

8 grants for 8 teachers were issued to the following schools this past year.

### **Oak Lodge Water Services**

Oak Grove Elementary

- (1) 1<sup>st</sup> grade Teacher
- (1) 5<sup>th</sup> grade Teacher
- (1) 4<sup>th</sup>/5<sup>th</sup> grade Teacher
- (1) K-5 Grades

### **South Fork Water Board**

Springwater Environmental  
Science

- (4) 5<sup>th</sup> grade Teachers



## **Appendix F –2023 CRWP Annual Water Calendar**

15 schools and 22 classes participated in the 2023 CRWP Annual Water Calendar coloring contest. Approximately 600 pictures were submitted. The following is a breakdown of which CRWP member schools participated in the calendar project.

### **Bilquist Elementary**

Ms. Sarah Ealy 3rd grade

### **Candy Lane Elementary**

Diana Hernandez 5th Grade

Teresa Figgins 5th grade

### **Happy Valley Elementary**

Heather Harris 5th Grade

Donna Mansour 4th grade

### **Holcomb Elementary**

Mrs. Sandhu 2nd Grade

### **John McLoughlin Elementary**

Michele Blessing 3rd Grade

Erika Branch 3rd Grade

Dorothy Berry 3rd Grade

Alissa Sherman 3rd grade

### **Oak Grove Elementary**

Rachel Wong 2nd Grade

### **Oregon Trail Elementary**

Becky Hoddevik-Callahan 3rd Grade

### **Clackamas River Elementary**

Mrs. Cox 5th Grade

### **Deep Creek Damascus K-8**

Ashli Bjngan 4th Grade

### **Redland Elementary**

Mrs. Corrine McKenzie 5th Grade

Mrs. Flowers Minner 1st grade

### **River Mill Elementary**

Mr. Matt Wilensky 5th grade

Ms. Heather Delao 5th grade

### **Springwater Environmental Science School**

Jen Wozniak Art Teacher K-5<sup>th</sup>

### **Sunnyside Elementary**

Stephanie McGlathery 5th Grade

### **Sunset Primary**

Mrs. Shelly Ellett Kindergarten

### **Trillium Creek Primary**

Mr. David Munoz 4th grade

### Appendix G – Adult Presentations

This year staff gave 6 adult presentations/interviews.

<b>Date</b>	<b>Event</b>	<b>Water Provider</b>
July 27 <sup>th</sup> , 2021	KATU Water Conservation Interview	Regional Water Providers Consortium
September 14 <sup>th</sup> , 2021	West Linn Sustainability Advisory Board	South Fork Water Board
November 19 <sup>th</sup> , 2021	Clackamas Community College ELC, Wildlife and Water Friendly Gardening	All
January 21, 2022	Clackamas Community College ELC, Gardening With Less Water	All
June 6 <sup>th</sup> , 2022	KATU Water Conservation Interview	Regional Water Providers Consortium
June 20 <sup>th</sup> , 2022	Afternoon Live Water Conservation Interview	Regional Water Providers Consortium

## Appendix H – Quarterly E Newsletter



### SUMMER 2022 News

## 2022 Summer Water Supply Update

Unlike the last couple of years, this spring and early summer have been unseasonable, cool, and wet. Currently the future conditions for Clackamas County show that the county will not be experiencing drought conditions this summer. Having said that, the rain has stopped, temperatures have been going up more and more, and we all have begun watering outdoors.

#### How Do You Know How Much to Water?

**Install a WaterSense Certified Weather-Based Irrigation Controller.** The CRWP provides up to \$100 rebate for our member customers who purchase and install an EPA Certified Weather-Based Irrigation Controller. [WaterSense labeled](#) irrigation controllers reduce water waste outdoors while keeping landscapes healthy by using local weather data and landscape conditions to tailor watering schedules and determine when and how much to water.

**Sign Up for the Weekly Watering #** Take the guesswork out of watering with the [Weekly Watering Number](#). Our partners the [Regional Water Providers Consortium](#) have contracted with a weather forecasting service to provide a free zip code specific Weekly Watering Number each Thursday (April – September). This number is based on historical data (evapotranspiration, rainfall, and other data points) from the previous week and is used to determine how much to water lawns and gardens during the current week. It's free and includes smart watering tips to help you save water all summer. [Sign up today](#) to receive your number via text or email.



**Schedule a FREE Landscape Water Audit.** The CRWP offers free Residential Landscape Water Audits. Our landscape auditor will assess your lawn and garden areas, irrigation system and more. Upon completion of the audit, you will be provided written recommendations to help you manage your outdoor water use for a more water efficient landscape and irrigation system. Visit our [website](#) for more information about our FREE landscape water audits and sign-up today.

The CRWP has all sorts of tools and resources to help you save water at home. Visit the [Conservation pages](#) on our website to learn more about indoor and outdoor water conservation.

To stay on top of local climate conditions in Clackamas County and get alerts when condition change, go to <https://www.drought.gov/location/Clackamas,%20Oregon> and click on "Sign Up for Alerts".

#### What's Inside:

Summer Water Supply	P1
Climate Resiliency	P2
Partner Spotlight	P3
'Fish on the Run'	P4
Summer Quiz	P4
Proper Rx Disposal	P5
Water Systems	P6
Water Wisely	P6
Conservation Tips	P7
Faces Interview	P8
Green/Brown Grass	P9

CHRISTINE HOLLENBECK, Public Education and Conservation Program Coordinator, (503) 723-3511 • [christine@clackamasproviders.org](mailto:christine@clackamasproviders.org)  
 KIM SWAN, Water Resource Manager, (503) 723-3510 • [kims@clackamasproviders.org](mailto:kims@clackamasproviders.org)

## **Appendix I - Water Efficient Landscape Audit Program**

Since July 2021 a total of 37 CRWP member customers participated in the Free Water Efficient Landscape Audit Program. Below is a breakdown of where the audits were performed.

### **Oak Lodge Water Services**

Number of audits = 35

### **City of Gladstone**

Number of audits = 1


### **Sunrise Water Authority**

Happy Valley - Number of audits = 1

## Audit Brochure

**Do you need help saving water outside this summer?**

The CRWP is now offering **FREE Residential Landscape Water Audits** to the following member's service area: City of Estacada, City of Gladstone, Oak Lodge Water Services, and South Fork Water Board (Oregon City and West Linn), and Sunrise Water Authority (Happy Valley and Damascus).



Water use in our communities more than doubles during the summer months due to outdoor watering.

**FOCUS**

The Clackamas River Water Providers is a coalition of the municipal water providers that get their drinking water from the Clackamas River who are working together on water resource issues. The purpose of the organization is to fund and coordinate efforts regarding source water protection and public outreach and education around watershed issues, drinking water, and water conservation. By preserving the Clackamas River as a high quality drinking water source we are able to minimize future drinking water treatment costs, while being good stewards of the river.




For more information about the CRWP, our watershed, and conservation programs visit our website:  
[www.clackamasproviders.org](http://www.clackamasproviders.org)

Or contact us at:  
**Clackamas River Water Providers**  
14275 S Clackamas River Drive  
Oregon City, Oregon 97045  
[christine@clackamasproviders.org](mailto:christine@clackamasproviders.org)  
(503) 723-3511


Clackamas River Water Providers

offering

**FREE Residential Landscape Water Audits**



Assess your lawn, garden and irrigation systems



**A Landscape Water Audit...**

Is an assessment of your lawn, garden areas, irrigation system and more.

Our landscape auditor will assess your lawn and garden areas, irrigation system and more. Upon completion of the audit you will be provided written recommendations to help you manage your outdoor water use for a more water efficient landscape and irrigation system.

**RESIDENTIAL AUDITS** will begin in May and be performed during the spring and summer months only (during the watering season).

The audits will be approximately 1.5 hours long. Please be available to walk through the audit process with the Audit Specialist.

Interested customers can contact the CRWP at **503-723-3511** or email [christine@clackamasproviders.org](mailto:christine@clackamasproviders.org) to schedule an audit.

Audits are booked on a first come first serve basis. Audits will be performed at each site one time only.

*your* **AUDIT**

**Landscape water audits will include but are not limited to:**

- A walk through the yard and garden area including all lawn areas.
- Making note of soil types, plant material, naturally available water, and sun exposure.
- Locating the water meter, noting any existing leaks from the meter throughout the irrigation system.
- Making note of existing backflow protection; type, size, make and model number.
- Locating the irrigation system controller, making note of the make/model as well as the current schedule. Each zone will be ran separately, recording gallons per minute used for each zone.



When the audit is complete, all recommendations will be recorded. This includes irrigation controller schedule adjustments, irrigation head adjustments/replacements, maintenance of existing plant material, and the addition of soil amendments to reduce weeds, promote soil moisture, and reduce the use of fertilizers.



## Appendix J - Conservation Rebate Program

A total of 300 rebate applications were processed this year with a total of 331 rebates.

<p><b>City of Gladstone</b>            Total Rebate Applications = 8            Total Rebates = 8            Irrigation Controllers = 1            Irrigation Nozzles = 1            Flume = 1            Clothes Washer = 2            Toilets = 3</p> <p><b>Oak Lodge Water Services</b>            Total Rebate Applications = 38            Total Rebates = 41            Toilets = 18            Clothes Washers = 14            Irrigation Cont. = 7            Hose Timer = 1            Flume = 1</p> <p><b>Clackamas River Water</b>            Total Rebate Applications = 58            Total Rebates = 61            Toilets = 31            Clothes Washers = 21            Irrigation Controllers = 3            Hose Timer = 4            Flume = 2</p> <p><b>City of Estacada</b>            Total Rebate Applications = 3            Total Rebates = 5            Clothes Washer = 2            Irrigation Controller = 1            Hose Timmer = 2</p>	<p><b>South Fork Water Board</b>            Total Rebate Applications = 93            Total Rebates = 100</p> <p><b>Oregon City</b>            Rebate Apps. = 45            Rebates = 49            Toilet rebates = 24            Irrigation. Controllers = 5            Irrigation Nozzles = 2            Clothes Washer = 17            Flume = 1</p> <p><b>West Linn</b>            Rebate Apps = 48            Rebates = 51            Toilet Rebates = 18            Clothes Washer = 17            Irrigation Controllers = 14            Irrigation Nozzles = 1 (22)            Rain Sensor = 1</p> <p><b>Sunrise Water Authority</b>            Total Rebate Applications = 100            Total Rebates = 116</p> <p><b>Damascus</b>            Total Rebate Apps. = 13            Total Rebates = 17            Toilet rebates = 8            Clothes Washer = 3            Irrigation Controllers = 2            Irrigation Nozzles = 2            Hose Timmer = 1            Flume = 1</p> <p><b>Happy Valley</b>            Rebate Apps. = 61            Rebates = 72            Toilet Rebates = 22            Clothes Washer = 22            Irrigation Controllers = 21            Rain Sensor = 1</p>
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	<p>Hose Timer = 1 Irrigation Nozzles = 1 Flume = 4 <b>Clackamas</b> Rebate Apps. =26 Rebates = 27 Clothes Washer = 7 Toilet = 13 Irrigation Cont. = 4 Rain Sensor = 1 Irrigation Nozzles = 1 Flume = 1</p>
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## Rebate Brochure

**UP TO \$385 IN rebates!**  
**Clackamas river water providers**  
 are offering 6 water conservation rebates\*  
 \* Up to \$385 in rebates available

**MAKE EVERY DROP COUNT!**

### Saving Water = Saving Money! Up to \$385 in savings each year!

**INDOOR REBATES – 2 CHOICES!** We're offering 2 choices in indoor rebates. Customers can take advantage of each rebate *one time per fiscal year per account.*

**1 WASHING MACHINE**  
 Up to \$75 rebate – Model # required. Machines being replaced must be Energy Star certified residential clothes washers.



**2 TOILET REBATE**  
 Up to \$85 rebate – Model # required. When you replace a toilet that uses 1.6 gallons per flush (gpf) or more with a new WaterSense® certified high efficiency toilet (HET). Get an additional \$15 if you recycle your toilet.



**OUTDOOR REBATES – 4 CHOICES!** We're offering 4 choices in outdoor rebates. Customers can take advantage of each rebate *one time per fiscal year per account.*

**3 RAIN SENSOR/SWITCH:**  
 Up to \$25 rebate – Temporarily shuts off your automatic irrigation system when it rains.

**4 WATER-SENSE WEATHER-BASED IRRIGATION CONTROLLERS:**  
 Up to \$100 rebate when you purchase and install a WaterSense, weather-based controller. "Smart" irrigation control technology that uses local weather data to determine when and how much to water. WaterSense® labeled irrigation controllers can save you water, time, and money when compared to standard models.

**5 MULTI-STREAM ROTATING NOZZLE RETOFTIT:**  
 Up to \$60 rebate – Or 20 nozzles per account at \$3 each. Model # required. Replace inefficient pop-up spray nozzles with efficient water conserving models. See our website for specific models.

**6 MANUAL HOSE BIB TIMER:**  
 Up to \$25 rebate. Never forget to turn off your water! Automatically turn off sprinklers at pre-set times.



The Clackamas River Water Providers (CRWP) are a coalition of the municipal water providers on the Clackamas River that are working together on water resource issues. The purpose of the organization is to collectively fund and coordinate efforts regarding water resource planning and management, water conservation and the development of the Clackamas River on a sustainable basis. For more information regarding individual CRWP members and their water service areas go to [www.clackamasproviders.org](http://www.clackamasproviders.org) and at the top of the page click on "About Us."



14275 S. Clackamas River Drive  
 Oregon City, OR 97045

For More Information

[www.clackamasproviders.org](http://www.clackamasproviders.org)  
 E-mail: [Christine@clackamasproviders.org](mailto:Christine@clackamasproviders.org)  
 Phone: (503) 723-3511

6/2020

### REBATE ELIGIBILITY REQUIREMENTS

Applicant must meet the following criteria

You must receive water from one of the following water provider members:

- Clackamas River Water City of Estacada City of Gladstone
- Oak Lodge Water Services
- South Fork Water Board (Oregon City and West Linn)
- Sunrise Water Authority (Happy Valley and Damascus)

- You must be a single-family residential customer or a small business (50 employees or less) which owns its own site and your account must be active and in good standing.**
- The application must be received within 3 months of purchase.**
- One rebate each, per account, per fiscal year (July 1–June 30).**
- A copy or original of the dated sales receipt (or invoice) that specifies the brand/model must be included with the rebate form. The brand/model purchased must match the item exactly.**
- The high efficiency toilet and weather-based controller you purchase must be EPA WaterSense® labeled. For a complete list of eligible products, visit: [http://www.epa.gov/watersense/product\\_search.html](http://www.epa.gov/watersense/product_search.html)**
- For toilet rebates, the toilet brand/model must match the eligible model list exactly. Tank and bowl numbers cannot be mixed and matched from different models.**
- Receive an additional \$15 for recycling your old toilet. Visit our website at <http://clackamasproviders.org/water-conservation/conservation-rebates/toilet-recycling-fac.html> for a recycling site near you. A copy of the recycling receipt is required to be eligible.**
- For a complete list of eligible washing machines, visit: [https://www.energystar.gov/products/appliances/clothes\\_washers](https://www.energystar.gov/products/appliances/clothes_washers).**
- Rebate items must be installed at the property associated with your water account.**
- Rebates are available on a first-come, first-served basis. The program will end when funds are depleted. The total rebate per item will not exceed the receipt amount.**
- Prior to approval, an on-site inspection may be required by Clackamas River Water Providers.**

### Clackamas River Water Providers rebate application

#### CUSTOMER INFORMATION

Name \_\_\_\_\_

Installation Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Mailing Address (if different) \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Home Phone \_\_\_\_\_ Daytime Phone \_\_\_\_\_

Email \_\_\_\_\_

#### PLEASE PROVIDE YOUR ACCOUNT # \_\_\_\_\_ AND CIRCLE YOUR WATER PROVIDER BELOW

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Clackamas River Water    | <input type="checkbox"/> City of Estacada                                   | <input type="checkbox"/> City of Gladstone                                   |
| <input type="checkbox"/> Oak Lodge Water Services | <input type="checkbox"/> South Fork Water Board (Oregon City and West Linn) | <input type="checkbox"/> Sunrise Water Authority (Happy Valley and Damascus) |



*I certify the information I have provided is true and correct, and I have purchased the goods for use at the location indicated. I grant permission to Clackamas River Water Providers, with notification, to enter upon the property to inspect the installation of rebate goods to assure program requirements are met. I understand rebates are distributed on a first-come first-served basis until funds are exhausted.*

### REBATE INFORMATION

Customers can take advantage of each rebate *one time per fiscal year per account.*

#### INDOOR REBATES

- Toilet Rebate – up to \$85 + \$15 additional for recycling your old toilet  
 Manufacturer and Model # \_\_\_\_\_
- Washing Machine Rebate – up to \$75 maximum  
 Manufacturer and Model # \_\_\_\_\_

#### OUTDOOR REBATES

- Rain Sensor/Switch – up to \$25 maximum
- Irrigation Controller – up to \$100 maximum
- Multi-stream Rotating Nozzles – up to \$60 (or 20 nozzles at \$3 each)
- Manual Hose Bib Timer – up to \$25 maximum

Customer Signature \_\_\_\_\_ Date \_\_\_\_\_

The following are required, please check all that apply. Do not send until application is complete. Incomplete and unsigned application may be returned.

- |  |   |
|--|---|
| <input type="checkbox"/> Water provider account number | <input type="checkbox"/> Manufacturer and or model number (if required) |
| <input type="checkbox"/> Name and address              | <input type="checkbox"/> Toilet recycling receipt for additional \$15   |
| <input type="checkbox"/> Proof of purchase             | <input type="checkbox"/> Signed and dated application                   |



## Flume Rebate Brochure

### Check it out!

The Clackamas River Water Providers is working with FLUME to pilot a **\$100 rebate** to eligible CRWP customers if they purchase a new FLUME Smart Water Monitor device.

FLUME, a first-of-its-kind, easily installed household device that puts the power of water monitoring into the hands of homeowners.

- Detect small leaks before they cost money and cause damage.
- Gain real-time information on your household water consumption.
- Set water usage goals and budgets for your household.
- Receive push notifications on suspicious water activities while you're away.

The FLUME Smart Water Monitor tracks your water use 24/7, alerting you to excessive water use and leaks. Take control of your property's water use and protect your home.



The Clackamas River Water Providers is a coalition of the municipal water providers that get their drinking water from the Clackamas River who are working together on water resource issues. The purpose of the organization is to fund and coordinate efforts regarding source water protection, public outreach and education around watershed issues, drinking water, and water conservation. By preserving the Clackamas River as a high-quality drinking water source we are able to minimize future drinking water treatment costs, while being good stewards of the river.

For more information regarding individual CRWP members and their water service areas go to [www.clackamasproviders.org](http://www.clackamasproviders.org) and at the top of the page click on "About Us."



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E-mail: [christine@clackamasproviders.org](mailto:christine@clackamasproviders.org)  
Phone: (503) 723-3511

### Put water conservation in your own hands.

Purchase the FLUME Smart Home Water Monitor System and receive a **\$100 Rebate**.



Stop Leaks.  
Protect Your Home.  
Save Money.  
Gain Peace of Mind.  
Conserve Water.

Smart technology sends notifications straight to your phone.



**Keep track of everything right from your phone.** FLUME provides complete coverage by catching leaks inside of your home as well as in your lawn or garden. If FLUME senses a leak or unusually high water use, you'll be notified immediately via text, email or push notification anywhere you are.

**Control Your Water Use** FLUME gives you real-time access to your water usage. You can determine which activities (or kids) are using the most water with instant data and take action to avoid excess use.

**Manage Your Water Bill** Never be surprised by a high water bill again. FLUME lets you set daily, weekly or monthly budgets and notifies you as you approach your limit. You can also measure your use against like homes in the FLUME Family. Conserve water and save money.

For more information about this device or where to buy one go to [Amazon.com](http://Amazon.com) or to [https://www.flumetech.com/](http://https://www.flumetech.com/)



### Rebate applicant must meet the following requirements:

You must receive water from one of the following Water Provider members:

- City of Estacada
- City of Gladstone
- Clackamas River Water
- Oak Lodge Water Services
- South Fork Water Board (Oregon City and West Linn)
- Sunrise Water Authority (Happy Valley and Damascus)

- 1) You must be a single-family residential customer or a small business (50 employees or less) which owns its own site and your account must be active and in good standing.
- 2) The rebate application must be received within 3 months of the product purchase.
- 3) One Flume rebate, per account.
- 4) A copy or original of the dated sales receipt (or invoice) must be included with the rebate form. The brand/model purchased must match the item exactly.
- 5) Rebate item must be installed at the property associated with your water account.
- 6) Rebates are available on a first-come, first-served basis. The program will end when funds are depleted.
- 7) Prior to approval, an on-site inspection may be required by CRWP.
- 8) In accepting this rebate you allow FLUME to share your water use data with your water provider and the CRWP in part to assist in determining potential water savings of this device.

To apply online go to:  
[www.clackamasproviders.org/conservation-rebates](http://www.clackamasproviders.org/conservation-rebates)

### REBATE APPLICATION

Name: \_\_\_\_\_

Installation Address:

Street \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Mailing Address (if different):

Street \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Email Address: \_\_\_\_\_

Water Account #: \_\_\_\_\_

#### Please Circle Your Water Provider:

- City of Estacada
- City of Gladstone
- Clackamas River Water District
- Oak Lodge Water Services
- South Fork Water Board (Oregon City and West Linn)
- Sunrise Water Authority (Happy Valley and Damascus)

I certify the information I have provided is true and correct, and I have purchased the goods for use at the location indicated. I grant permission to Clackamas River Water Providers, with notification, to enter upon the property to inspect the installation of rebate goods to assure program requirements are met. I understand rebates are distributed on a first-come first-served basis until funds are exhausted.

Signature \_\_\_\_\_

Date \_\_\_\_\_