

**Work Session**

**WS**

**Milwaukie City Council**

## COUNCIL WORK SESSION

City Hall Council Chambers, 10722 SE Main Street  
& Zoom Video Conference ([www.milwaukieoregon.gov](http://www.milwaukieoregon.gov))

## AGENDA

MAY 3, 2022

**Council will hold this meeting in-person and through video conference.** The public may attend the meeting by coming to City Hall or joining the Zoom webinar, or watch the meeting on the [city's YouTube channel](#) or Comcast Cable channel 30 in city limits. **For Zoom login** visit <https://www.milwaukieoregon.gov/citycouncil/city-council-work-session-299>.

**To participate in this meeting by phone** dial 1-253-215-8782 and enter Webinar ID 897 8131 1965 and Passcode: 519687. To raise hand by phone dial \*9.

**Written comments** may be delivered to City Hall or emailed to [ocr@milwaukieoregon.gov](mailto:ocr@milwaukieoregon.gov). Council may take limited verbal comments.

**Note:** agenda item times are estimates and are subject to change.

**Page #**

- Youth Board & Committee Member Pilot Program – Report** (4:00 p.m.) **1**  
Staff: Scott Stauffer, City Recorder
- Clackamas County Water Environment Services (WES) – Report** (4:15 p.m.) **4**  
Presenter: Greg Geist, WES Director
- Adjourn** (5:30 p.m.)

### Executive Session

After the work session Council will meet in executive session pursuant to Oregon Revised Statute (ORS) 192.660 (2)(h) to consult with counsel concerning the legal rights and duties of a public body with regard to current litigation or litigation likely to be filed.

### Meeting Accessibility Services and Americans with Disabilities Act (ADA) Notice

The city is committed to providing equal access to public meetings. To request listening and mobility assistance services contact the Office of the City Recorder at least 48 hours before the meeting by email at [ocr@milwaukieoregon.gov](mailto:ocr@milwaukieoregon.gov) or phone at 503-786-7502. To request Spanish language translation services email [espanol@milwaukieoregon.gov](mailto:espanol@milwaukieoregon.gov) at least 48 hours before the meeting. Staff will do their best to respond in a timely manner and to accommodate requests. Most Council meetings are broadcast live on the [city's YouTube channel](#) and Comcast Channel 30 in city limits.

### Servicios de Accesibilidad para Reuniones y Aviso de la Ley de Estadounidenses con Discapacidades (ADA)

La ciudad se compromete a proporcionar igualdad de acceso para reuniones públicas. Para solicitar servicios de asistencia auditiva y de movilidad, favor de comunicarse a la Oficina del Registro de la Ciudad con un mínimo de 48 horas antes de la reunión por correo electrónico a [ocr@milwaukieoregon.gov](mailto:ocr@milwaukieoregon.gov) o llame al 503-786-7502. Para solicitar servicios de traducción al español, envíe un correo electrónico a [espanol@milwaukieoregon.gov](mailto:espanol@milwaukieoregon.gov) al menos 48 horas antes de la reunión. El personal hará todo lo posible para responder de manera oportuna y atender las solicitudes. La mayoría de las reuniones del Consejo de la Ciudad se transmiten en vivo en el [canal de YouTube de la ciudad](#) y el Canal 30 de Comcast dentro de los límites de la ciudad.

### Executive Sessions

The City Council may meet in executive session pursuant to Oregon Revised Statute (ORS) 192.660(2); all discussions are confidential; news media representatives may attend but may not disclose any information discussed. Final decisions and actions may not be taken in executive sessions.

**COUNCIL STAFF REPORT**

**To:** Mayor and City Council  
Ann Ober, City Manager

**Date Written:** Mar. 14, 2022

**Reviewed:** Nicole Madigan, Deputy City Recorder

**From:** Scott Stauffer, City Recorder

**Subject: Board and Committee Youth Members Program – Update**

---

**ACTION REQUESTED**

Council is asked to receive an update on the city's board and committee (BC) youth members pilot program and provide direction as to the future of the program.

**HISTORY OF PRIOR ACTIONS AND DISCUSSIONS**

[September 3, 2019](#): Council directed staff to establish a BC youth member program.

[November 5, 2019](#): Council adopted [Resolution 69-2019](#) initiating a BC youth member program.

February 8, 2020: Youth BC applicants were interviewed by a city panel.

[November 17, 2020](#): Council adopted [Resolution 66-2020](#) appointing youth members to BCs.

**ANALYSIS**

In 2019 the city initiated a youth BC member pilot program, in February 2020 youth applicants were interviewed, and, in the fall of 2020, Council appointed six youths to select BCs. Although delayed due to the COVID-19 pandemic, two youth members were appointed to the Arts Committee, one to the Design and Landmark Committee (DLC), two to the Ledding Library Board, and one to the Park and Recreation Board (PARB).

The program's objective is to include youth community members (ages 15-18) of the greater Milwaukie community (including city residents and non-residents) in the active work of the city by appointing them to standing BCs and empowering them with all the rights and responsibilities of full BC members. As laid out in previous staff reports, youth BC members have full voting rights, count for quorum purposes, and are held to the same standards as adult BC members. The pilot program aimed to recruit and appoint individuals to 14 youth positions, up to two each on seven BCs – the four noted above and the Citizens Utility Advisory Board (CUAB), Public Safety Advisory Committee (PSAC), and the Tree Board.

The youth BC member pilot program began pre-pandemic with a lot of good energy and enthusiasm on the part of Council, staff, and the school administrators who helped recruit community members to apply for the youth positions. The initial recruitment period resulted in a healthy batch of youth applicants and interviews were held just as the pandemic was becoming a global issue. By the time Council made the initial appointments of youth members the candidate pool had shrunk to six individuals, likely because of the pandemic and bad timing for applicants who had been seniors in high school in 2019 when they applied but were no longer available to serve as of fall 2020.

Once appointed, youth members dug into the work of their BCs and to various degrees engaged in the work of the city. Below are reports from staff liaisons for the BCs with youth members.

### **Arts Committee**

Two applicants were appointed to the Arts Committee in 2020, as of March 2022 only one youth member remained on the committee.

### **DLC**

One applicant was appointed to the DLC in 2020, as of March 2022 that member remained on the committee roster, although they have not attended meetings regularly.

### **Library Board**

Two applicants were appointed to the Library Board in 2020, as of March 2022 one youth member remained on the board. The board's staff liaison, library director Katie Newell, reports that the youth members were active at first, but one has resigned to attend college out of state and the other remains interested in serving on the board but has stopped attending meetings. Newell remarks that "finding students interested in doing this is difficult. The ones that were [involved] are also the ones that are seriously busy, and [the board] ended up as a low priority. Maybe it was due to the pandemic." As the Council considers extending the youth member pilot program, Newell expressed support for the Library Board being a part of the program.

### **PARB**

One applicant was appointed to PARB in 2020, as of March 2022 that member remained on the board roster and has been one of the bright spots of the youth member program as they have remained engaged and have provided helpful insights into the board's work. The board's staff liaison, climate and natural resources manager Natalie Rogers, reports that although still very active in board business, the board's youth member may be resigning in the coming year to attend college. Rogers suggests that PARB should remain a part of the youth member pilot program if Council decides to continue it.

### **Periodic Check-Ins**

In addition to connecting youth community members to the work of the city, part of the program's objectives is to help the youth members learn about how the city functions. To meet this objective staff intended to hold quarterly check-in meetings with the youth members – to provide additional information and to answer any questions the youth members may have. Starting in 2020 and into 2021 staff convened quarterly check-ins with youth members. However, by the fall of 2021 it became clear that the check-ins were not as productive as had been hoped they would be – because of scheduling conflicts and a lack of youth member interest the final check-in had just one member in attendance. Follow-up communications to the youth members did not indicate an interest in scheduling more check-ins.

### **Restarting the Program**

Throughout the last two years staff has continued to communicate with high school administrators in the North Clackamas area to recruit new youth applicants. To date, the effort has not been successful, but it is hard for staff to determine if the recruitment drive has stalled because of a lack of interest in the program or because of the global pandemic. Because of this uncertainty, and as there is a decent chance that the pandemic's impact on schools has lessened, staff is looking at renewing the city's recruitment efforts during the 2022-2023 school year.

Based on feedback from staff liaisons, a renewed launch of the youth BC member pilot program should not include all seven of the initially identified BCs. Specifically, staff believes that the



program should focus only on filling up to two youth positions on the Arts Committee, Library Board, and PARB, for a total of six youth positions.

**Questions for Council**

At this time, staff would like feedback from Council on the youth BC member program to-date and the possibility of extending the pilot program for another year.

**BUDGET, CLIMATE, & WORKLOAD IMPACTS**

None.

**COORDINATION, CONCURRENCE, OR DISSENT**

The city recorders' office worked with the city manager, BC staff liaisons, and administrators at the high schools in the North Clackamas area to support this program.

**STAFF RECOMMENDATION**

Staff recommends that the city continue the youth BC member pilot program for another one-year term. Should the program be extended, it is staff's hope that recruiting youth applicants in a more typical academic year may provide more community engagement opportunities than during the pandemic of the last two years.

If Council concurs with this recommendation, staff will reach out to current youth BC members to see if they are interested in continuing to serve past their current term end date of June 30, 2022. Interested members would be reappointed through the annual reappointment process. As all youth members are still completing their first term, they are all eligible for reappointment.

**ALTERNATIVES**

Council could direct staff to make the youth BC member program permanent or end the program.

**ATTACHMENTS**

None.



**WS 1. 5/3/22  
Presentation**

# **Youth Board & Committee Member Program Update**

May 3, 2022  
City Council Work Session

# Youth BC Program Update

- Started in 2019/2020
  - 6 appointed
  - Varying degrees of participation
  - Resignations
  - COVID... ?



# Youth BC Program Update

- Reset for Another Year?
  - In-person recruiting opportunities
  - Focus on 3 (four?) BCs...
    - Arts Committee
    - Library Board
    - Park & Rec Board
    - Equity Steering Committee



# Youth BC Program Update

- Council feedback?
  - Any observations?
  - Shall we try it again?



# Youth BC Program Update

- Questions?

**Scott Stauffer**, City Recorder

[stauffers@milwaukieoregon.gov](mailto:stauffers@milwaukieoregon.gov)

**Phone: 503-786-7502**







CLACKAMAS  
WATER  
ENVIRONMENT  
SERVICES

2021  
**ANNUAL  
REPORT**





# Message from the Director

2021 was a pivotal year for Clackamas Water Environment Services (WES).

Through the ongoing pandemic, a historic ice storm, and an unprecedented heatwave, WES employees worked through these challenges to make sure the services you depend on every day continued without disruption.

We also completed several important projects that strengthen our ability to serve you now and well into the future.

The completion of the Tri-City Solids Handling Improvements Project marks one of the most significant infrastructure milestones for our region in decades. This project ensures the wastewater treatment needs for the nearly 200,000 residents in our service area will be met for generations to come while protecting public health, the environment and future economic growth.

Completion of major upgrades at our nearly 50-year-old Kellogg Creek Water Resource Recovery Facility also helps ensure long-term reliable and affordable treatment services.

Launched in the spring, we initiated a conversation with the community called the Clean Water Exchange to discover what you, our stakeholders, most value related to clean water services, which will help us better serve our district communities.

WES values our customers. We feel privileged to be deeply connected to the cities and neighborhoods we serve, whether it's partnering on projects or supporting community events.

In addition to approving our lowest monthly rate adjustment in several years, we remain committed to policies and programs designed to help ease financial burdens for customers created by the pandemic.

On behalf of your friends at WES, I wish you all a very happy and healthy 2022.

Greg Geist, Director

*Cover photo:*  
*The Carli Creek Water  
Quality Project*  
[www.clackamas.us/  
wes/carlicreek.html](http://www.clackamas.us/wes/carlicreek.html)





## Our Service Area

Clackamas Water Environment Services produces clean water and protects water quality.

We operate and maintain five water resource recovery facilities, 23 pumping stations and more than 360 miles of pipes. Each year, we clean more than seven billion gallons of wastewater, while converting the byproducts of treatment into electricity and natural fertilizer.

We also work to reduce pollution in local rivers, streams and wetlands caused by urban stormwater runoff.

We educate and assist community members from all walks of life, from developers, property managers and homeowners to government agencies, local businesses, teachers and students.

It's our job to ensure that our community enjoys the benefits of safe, healthy water.

### The WES service area includes:

- |                       |              |  |
|-----------------------|--------------|--|
| Boring                | Hoodland     | Rivergrove                                     |
| Fischer's Forest Park | Johnson City | West Linn                                      |
| Gladstone             | Milwaukie    | Communities in unincorporated Clackamas County |
| Happy Valley          | Oregon City  |  |

**WS6**



# Protecting our Water Water Heroes

Like you, we will never forget the February ice storm that hit Clackamas County.

During one of the worst ice storms in memory for Clackamas County, WES staff rallied through power loss and icy conditions to maintain wastewater services. WES staff responded to more than 1,000 alarms, working around the clock to keep facilities and pump stations running. During this extraordinary event, there was not a single bypass, sanitary sewer overflow, permit violation, or compliance sample missed. Some WES staff even slept onsite to make sure our equipment kept working.

In October, WES was one of four organizations nationwide to receive the prestigious Water Heroes Award for our work during the ice storm from the Water Environment Federation.

Through the ongoing pandemic, a historic ice storm, and an unprecedented heatwave, WES employees worked through very challenging circumstances to make sure the services you depend on every day continued without disruption. Stewardship doesn't always come easy.



1 WES Director Greg Geist receives the Water Heroes Award on behalf of staff

2 Crews hard at work during the 2021 ice storm

3 Ice accumulates at the Tri-City Water Resource Recovery Facility

# Lynne Chicoine Named PNCWA Woman of the Year



Lynne Chicoine, our capital program manager, is hopeful that the 2021 Woman of the Year Award she received from the Pacific Northwest Clean Water Association will inspire more young women and girls to pursue careers in fields where women have historically been underrepresented.

“This award allows me to serve as an example for young women, whose skills in math and science are matched by their passion for the water environment,” Chicoine said. “The profession, and society broadly, would both benefit if we encouraged and welcomed talented women in technical careers like civil engineering.”

Since 2015, Lynne has led the capital planning and implementation program for WES’ vast wastewater infrastructure.

Despite the ongoing pandemic and other unprecedented challenges, Chicoine led her team to complete or make significant progress on several major WES capital projects in 2021 that will ensure reliable and affordable wastewater treatment services for several decades.





# Investing in a Cleaner Future

WES' newly completed Solids Handling Improvements Project will ensure reliable, energy-efficient and affordable wastewater treatment services for generations to come.

The project features a new anaerobic digester to treat solids, a byproduct of waste from homes and businesses.

The upgrade also includes a new co-generation system that transforms organic waste into renewable energy, which produces heat for our Tri-City Water Resource Recovery Facility's buildings and enough electricity to offset nearly half of the facility's energy use.

Our new co-generation system is made possible with assistance from Energy Trust of Oregon and the Portland General Electric Renewable Development Fund.

As a reminder of the importance of protecting watershed health and in celebration of the completion of the Solids Handling Improvements Project, Artist David Andersen and his Clackamas Community College students created a watershed art mural to educate and inspire visitors.

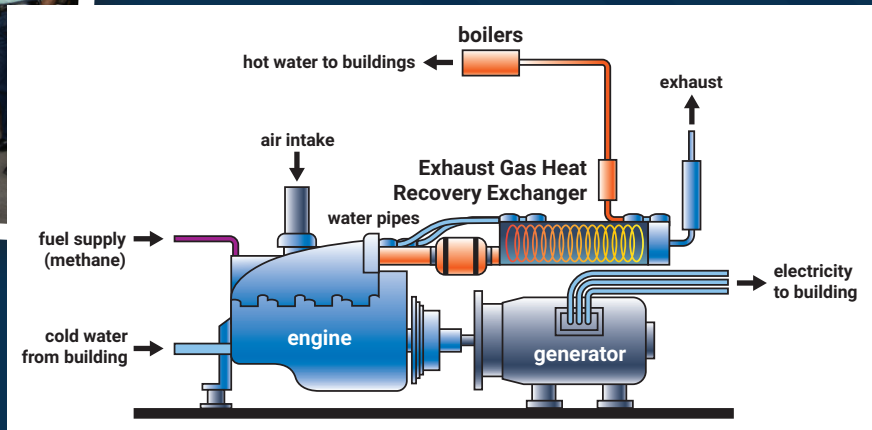




The new co-generation engine



Portland General Electric Vice President of Public Affairs Dave Robertson, Energy Trust of Oregon Program Manager Dave Moldal, County Commissioner Martha Schrader, State Representative Jeff Reardon, and County Commissioner Paul Savas celebrate the completion of the Solids Handling Improvements Project



WS10





1



2



3

## Maintaining our Vital Infrastructure

Inflow and Infiltration (I & I) reduction is a top priority for us.

I & I is rainwater or groundwater that seeps into cracked sewer pipes or water that enters pipes through improper connections, and increases the amount of water flow into our wastewater treatment facilities, which puts added strain on equipment.

I & I also increases the risk of sewer overflows.

WES is pursuing a regional approach to solve the I & I problem with our partner cities that own and maintain their own sewer systems, which deliver wastewater to WES' treatment facilities.

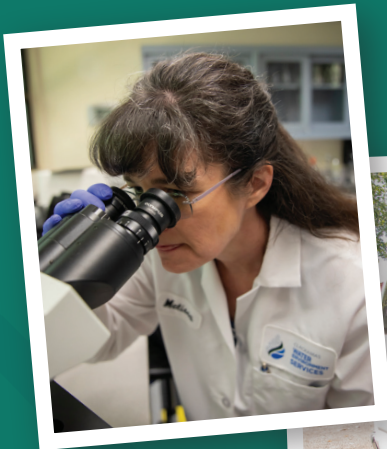
Keeping this extra rainwater and groundwater out of pipes results in significant savings. Reducing I & I by 65% in targeted sub-basins by 2040 would save \$120 million in required capital expenditures.

1 Field Operators Kevin Rotrock and Otis Lundgren explaining I & I to ratepayers at Happy Valley's National Night Out

2 Operations staff inspect the pipes

3 An example of inflow, captured by our video camera

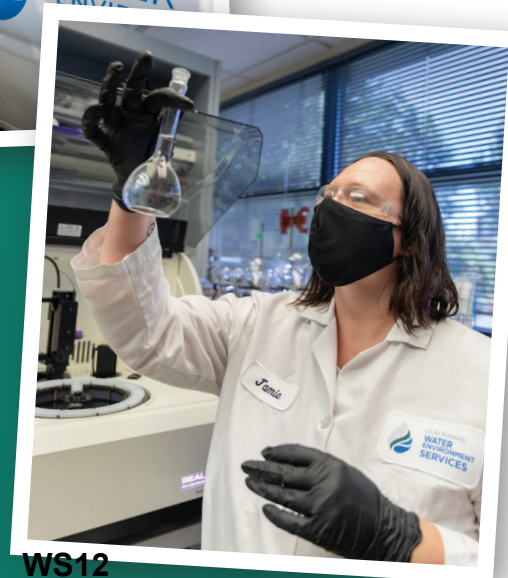
WS11



Laboratory Analyst  
Melissa Catto



Source Control  
Specialist Chris  
Desiderati brings in  
samples



Laboratory Analyst  
Jamie Berger

## Testing Water Quality for Safety

Our Tri-City Water Quality Lab performs nearly 30,000 analyses per year from each of our facilities to check the health of the water at every step of the wastewater treatment process, making sure the discharge to the Willamette River complies with our permits.

WS12



# Preserving Watershed Health

Watershed health is something we take seriously. We are in the beginning stages of an exciting new floodplain enhancement project and we want your input!

Located near the North Clackamas Aquatic Park in Milwaukie, the 89-acre 3-Creeks Natural Area is where Mt. Scott, Phillips and Dean Creeks converge and provide a special opportunity to restore stream health.

Urbanization is taking a toll on the site, with streams eroding, habitat changing, and flooding of developed properties becoming more common. This project will enhance the floodplain, improve water quality, improve fish and wildlife habitat, and provide opportunities for pedestrian access and environmental education on the site, where feasible.

Learn more at:  
[clackamas.us/wes/3-creeks](http://clackamas.us/wes/3-creeks)



Red flowering currant blooms at the 3-Creeks Natural Area



Oregon white oak at the 3-Creeks Natural Area



# Protecting the Environment - Surface Water Management

Our surface water management team provides water quality protection for the communities we serve by implementing programs to reduce pollution in our rivers, streams and wetlands caused by urban stormwater runoff, a leading source of water pollution in our state.

Through watershed protection and planning, WES is taking a long-term approach to protecting the health of our shared water resources.

In 2021, WES awarded \$280,523 in grants through our RiverHealth Stewardship Program to 12 organizations dedicated to protecting and improving the health of our watersheds.



**1** The Johnson Creek Watershed Council worked with Mad Science to present Science in the Park for children

**2** The World Salmon Council provided WES district students with field trips as part of their Salmon Watch Environmental Education Program

**3** Friends of Trees and Happy Valley Heights team up to plant trees





# Creating Partnerships

## The Home Builders Association

WES teamed up with the Home Builders Association to participate in both the Happy Valley Street of Dreams and the Home of Tomorrow, Today Tour featuring the best in home building sustainability.

WES' Natural Resources Scientist Gail Shalom helped organize "Garden Talks" at the Street of Dreams with Garden Educator Jacob Rose to educate attendees about the many environmental benefits of natural gardening and landscaping.

WES also posted several informational signs onsite to educate people about ways they can help protect our environment and sewer system with a few simple steps each day.

This partnership provided WES a unique opportunity to educate more than 20,000 attendees on the subject of watershed health.



1 Commissioner Martha Schrader poses in front of the WES selfie station at the Street of Dreams

2 WES' Natural Resources Scientist Gail Shalom and Garden Educator Jacob Rose prepare for the Garden Talks presentation

3 WES informational yard sign at the Street of Dreams

WS15



The SOLVE team staffs the WES tent



SOLVE volunteers at work

## Keeping our Waterways Clean with SOLVE

For the fourth consecutive year, WES partnered with SOLVE to keep area waterways and natural areas clean and healthy.

The 2021 Summer Waterway Cleanups in Clackamas County attracted 471 volunteers who helped WES and SOLVE remove thousands of pounds of trash in Clackamas County.

In addition to helping to protect rivers, streams and wildlife, volunteers learn firsthand how trash on the ground can be carried by stormwater runoff into our streams and rivers if not removed.



# Financial Stewardship

Throughout 2021, WES remained sensitive to the pandemic's financial impact on many of our customers. To keep monthly bills low, WES approved the lowest annual rate adjustment in many years.

We also remained committed to the suspension of late fees for the duration of the crisis, working with customers on flexible repayment plans based on individual circumstances. We know that every situation is different.

We are heartened to see more customers taking advantage of our low-income discounts for those in need.

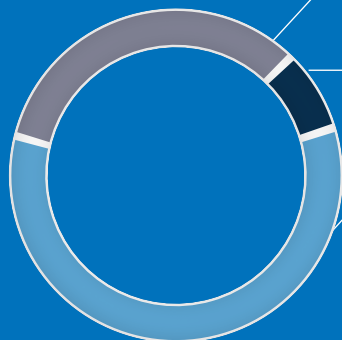
## Are you managing Your sanitary sewer and surface water account online?

Register for access online to enjoy these features:

- View real time balances, payment amounts and bill due dates
- Make one-time or recurring payments
- Review transaction history
- Sign up for paperless e-billing to get your bills and our messages emailed to you

 Learn more about our online system at [clackamas.us/wes](https://clackamas.us/wes)

## Investing in Resiliency - Your Rate Dollars at Work



**28%**

- Infrastructure financing and reserves
- Equipment replacement
- Reserves for future project needs
- Building treatment capacity for future growth
- Construction projects

**11%**

- Debt payments
- Principal and interest on long-term debt
- Financing capacity expansion projects

**61%**

- Operations and maintenance
- All wastewater treatment services including waste removal, biosolids management and disinfection of water
- Day-to-day plant maintenance
- Regulatory compliance, including laboratory
- Day-to-day collection system maintenance, including pump stations

**WS17**

# Commissioners and Advisory Committee

The Clackamas County Board of Commissioners serves as the governing body of WES.

Commissioners receive recommendations from the WES Advisory Committee on a variety of key issues. The WES Advisory Committee includes ratepayers, environmental representatives, business owners, members of the development community and elected officials.

Members have experience in wastewater management, watershed health and restoration, economic development and surface water. The committee provides input and makes recommendations to WES and the Board of County Commissioners.

All WES Advisory Committee members either live or work within the WES service area.

**Rita Baker – Environmental Representative**

**Mary Baumgardner – West Linn Elected Official**

**Christopher Bowker – Gladstone Representative**

**Greg DiLoreto – West Linn Representative**

**Angel Falconer – Milwaukie Elected Official**

**Anthony Fields – Milwaukie Representative**

**William Gifford – Oregon City Representative**

**David Golobay – Happy Valley Elected Official**

**Renee Harber – Environmental Representative**

**Diana Helm – Business Representative**

**Brian Johnson – Johnson City Representative**

**Roseann Johnson – Development Representative**

**Kathryn Miller – Unincorporated Representative**

**Michael Morrow – Happy Valley Representative**

**Lori Olund – Business Representative**

**David Schleef – Business Representative**

**Rocky Smith – Oregon City Elected Official**

**Tammy Stempel – Gladstone Elected Official**

1 Advisory Committee member Dr. Renee Harber speaks at the Tri-City WRRF mural celebration

2 Commissioner Martha Schrader joins the WES team to collect stream insects at the Carli Creek Water Quality Facility

3 Commissioner Paul Savas with WES Director Greg Geist at the mural celebration



**Clackamas Water Environment Services produces clean water and protects water quality. It's our job to ensure that residents and visitors enjoy the benefits of safe, healthy water for generations to come.**

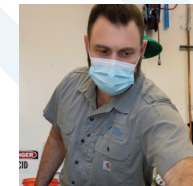
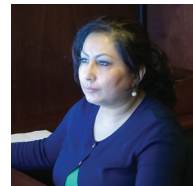
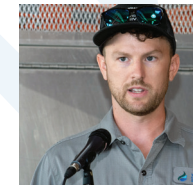
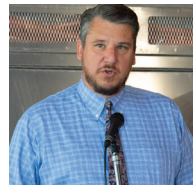
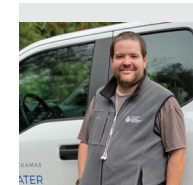
Clackamas Water  
 Environment Services  
 150 Beaver Creek Road  
 #430  
 Oregon City, OR 97045

503-742-4567  
 wescustomerservice@clackamas.us

[clackamas.us/wes](http://clackamas.us/wes)



CLACKAMAS  
**WATER  
 ENVIRONMENT  
 SERVICES**





**WS 2. 5/3/2022  
Presentation**

# 2021 ANNUAL REPORT

CLACKAMAS

WATER  
ENVIRONMENT  
SERVICES



Milwaukie  
May 3, 2022

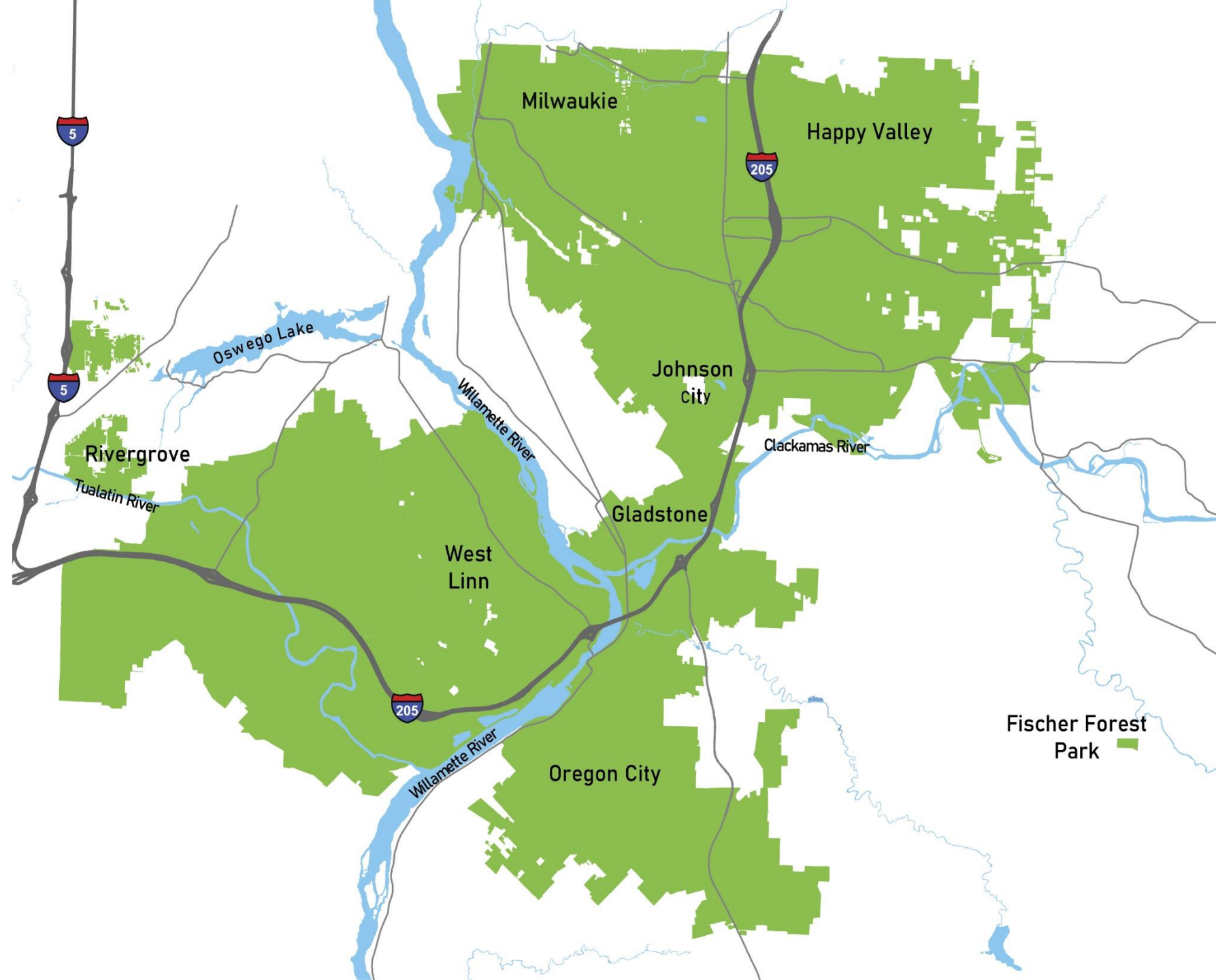
Greg Geist, Director



# About Us

## The WES Service area includes:

- Boring
- Fischer's Forest Park
- Gladstone
- Happy Valley
- Hoodland
- Johnson City
- Milwaukie
- Oregon City
- Rivergrove
- West Linn
- Communities in unincorporated Clackamas County





# Commissioners and Advisory Committee

The Clackamas County Board of Commissioners serves as the governing body of WES.

Commissioners receive recommendations and input from the **WES Advisory Committee**

**Milwaukie Members:**  
Councilor Angel Falconer  
Anthony Fields, Resident



# Financial Stewardship

Investing in Resiliency -  
**Your Rate  
Dollars at Work**



**28%**

- Infrastructure financing and reserves
- Equipment replacement
- Reserves for future project needs
- Building treatment capacity for future growth
- Construction projects

**11%**

- Debt payments
- Principal and interest on long-term debt
- Financing capacity expansion projects

**61%**

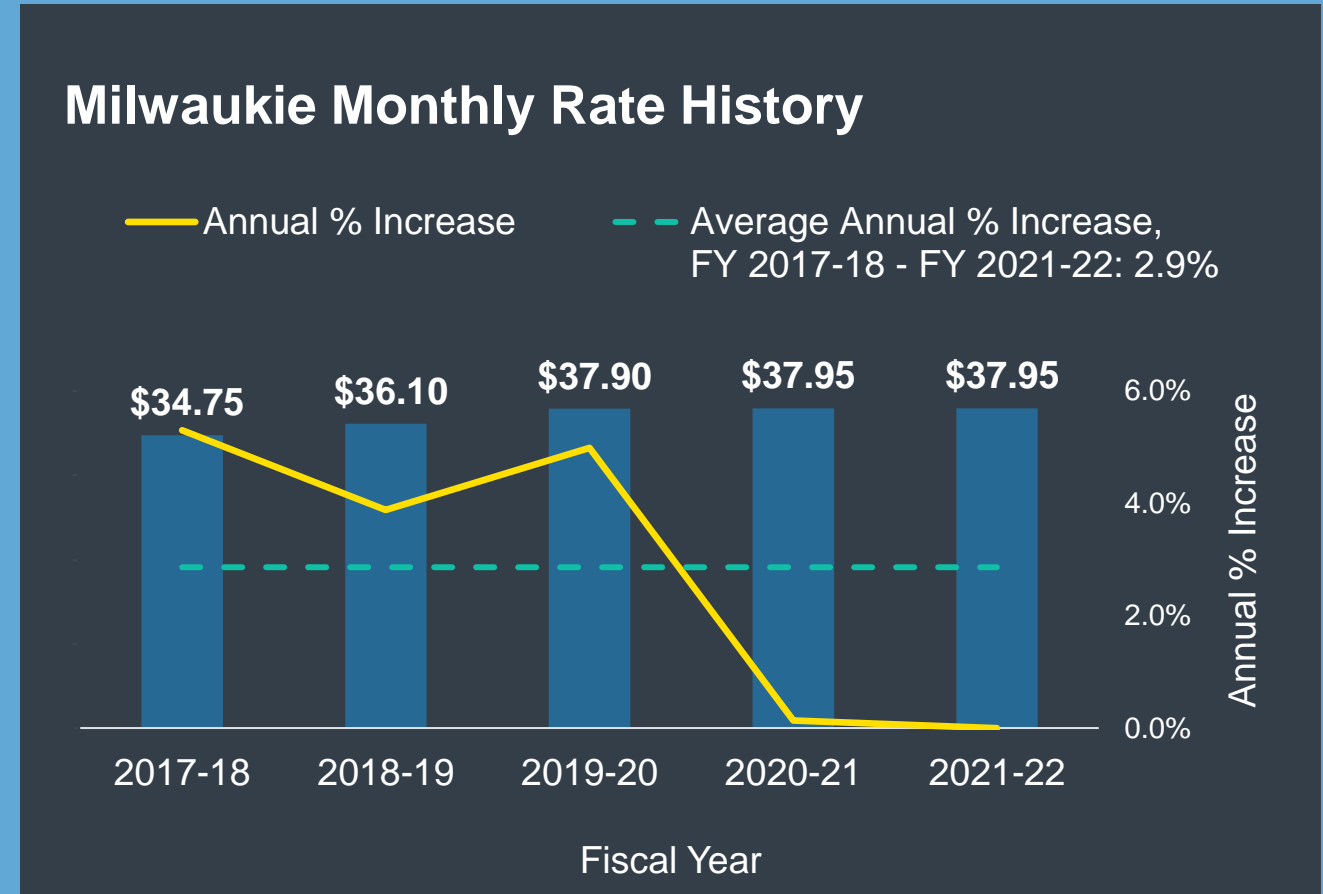
- Operations and maintenance
- All wastewater treatment services including waste removal, biosolids management and disinfection of water
- Day-to-day plant maintenance
- Regulatory compliance, including laboratory
- Day-to-day collection system maintenance, including pump stations

%s apply to each dollar of monthly sanitary sewer service charge revenue

# Commitment to reasonable and predictable rates

Board-approved annual rate increases for FY 2020/21 averaged 2.5% across all service areas.

The rate increase for customers in the City of Milwaukie was 0%.





# Kellogg Creek Water Resource Recovery Facility





# Project Update: Kellogg Creek Water Resource Recovery Facility








# New Look: Kellogg Creek Water Resource Recovery Facility


Welcome to  
**Kellogg Creek Park**


Park opens 30 minutes before sunrise  
and closes 30 minutes after sunset

No alcohol  


No fireworks  



No open fires  



Pets must be kept  
on a leash  


No Camping  


Vehicles left in the park area after closing or in unauthorized areas will be towed at the owner's expense without notice.

Clackamas Water Environment Services produces clean water and protects water quality. It's our job to ensure that residents and visitors enjoy the benefits of safe, healthy water for generations to come.  
[www.clackamas.us/wes](http://www.clackamas.us/wes)

 CLACKAMAS  
WATER  
ENVIRONMENT  
SERVICES



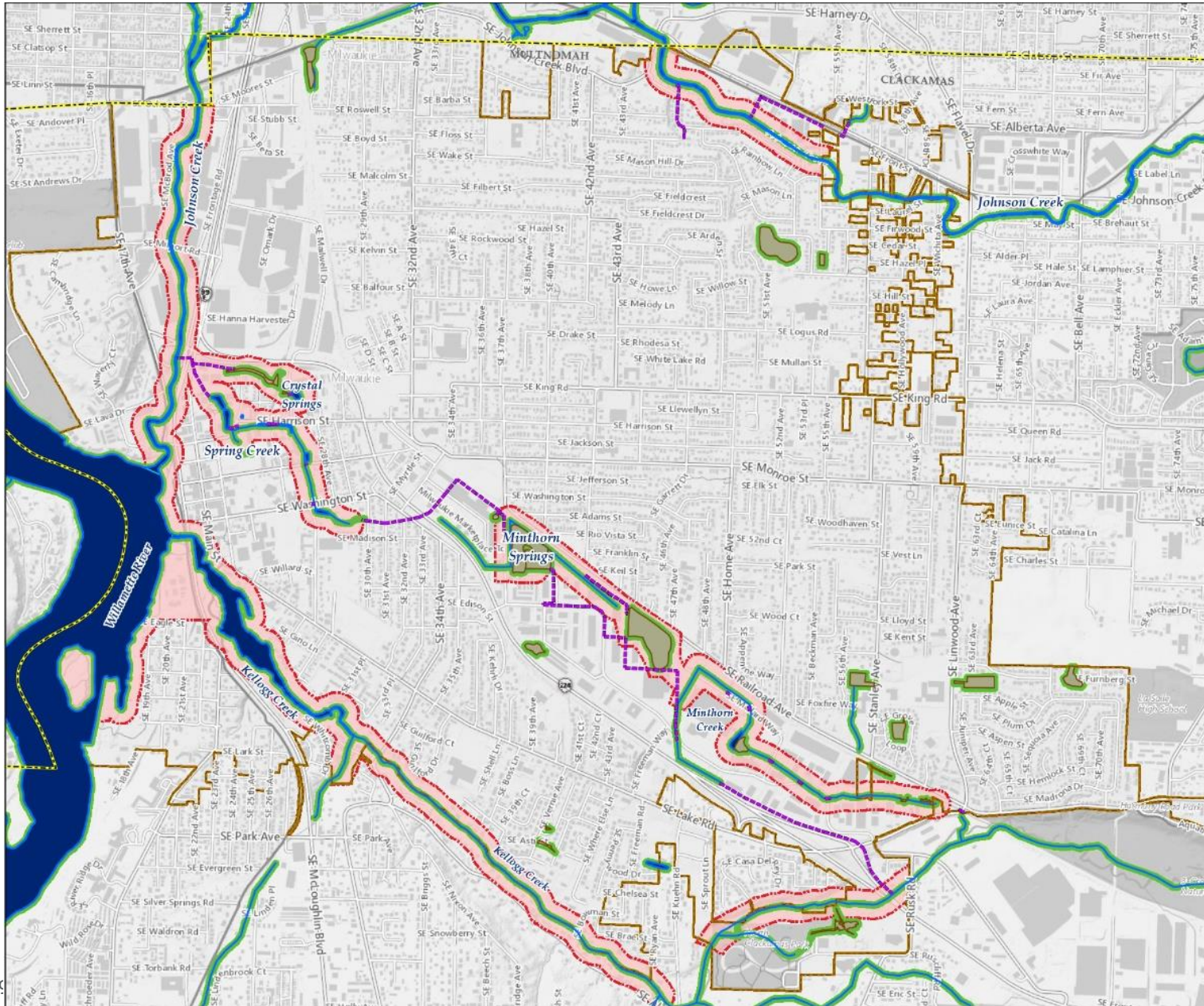
THERE IS NO  
**POOP FAIRY**



**PLEASE CLEAN UP  
AFTER YOUR PETS!**

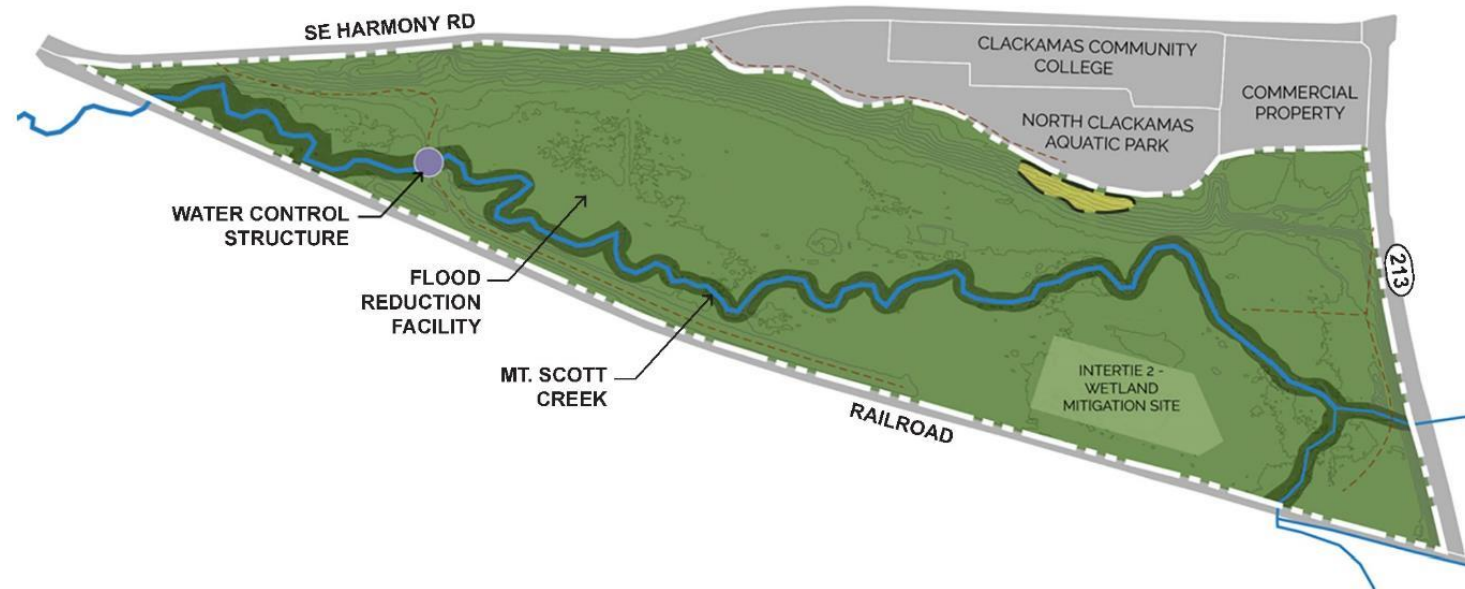
 CLACKAMAS  
WATER  
ENVIRONMENT  
SERVICES





# Good Neighbor Proposed Area

# 3-Creeks Natural Area Floodplain Enhancement Project



## LEGEND

- Waterway
- Creek Restoration
- Existing Access Road
- Water Control Structure



MILWAUKIE CITY COUNCIL MAY 2022



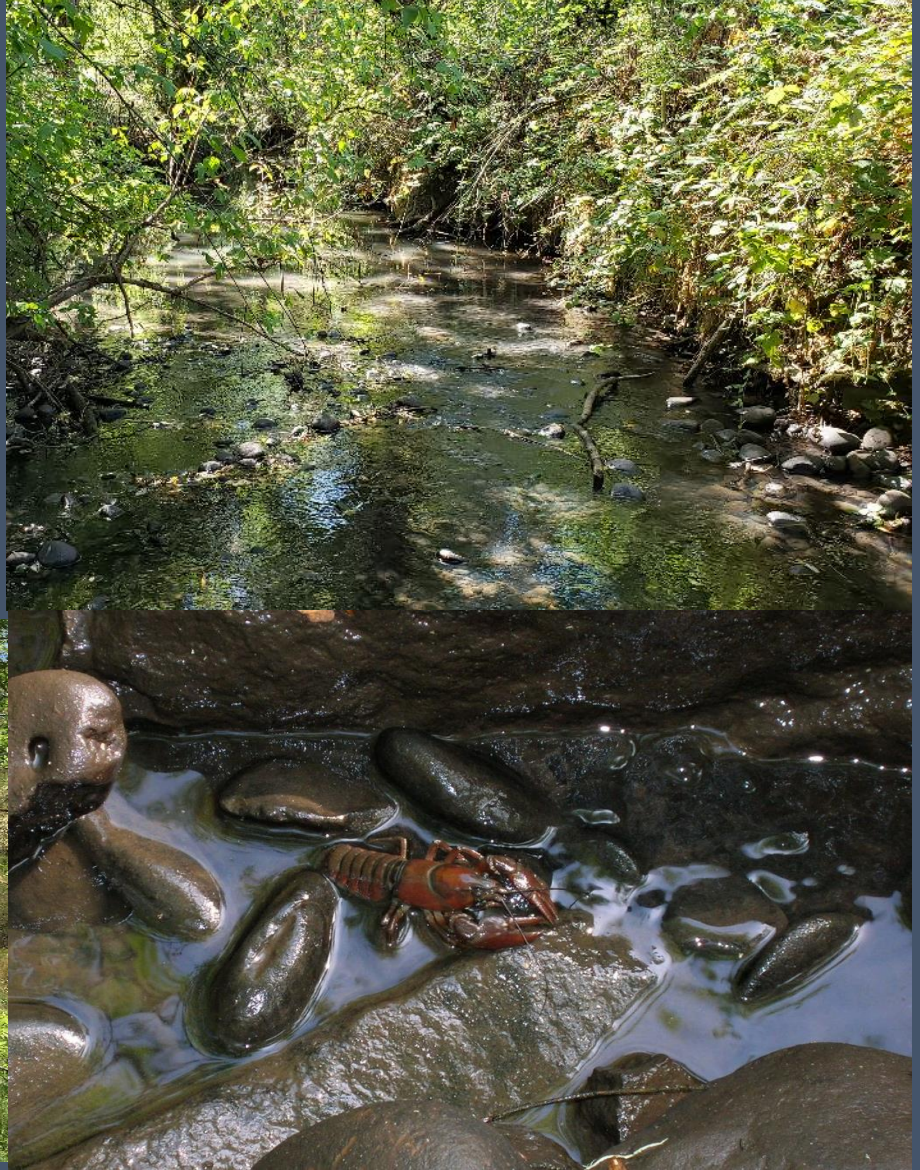
CLACKAMAS  
WATER  
ENVIRONMENT  
SERVICES



# Stream and Floodplain Enhancement

## Project Goals

- Water quality
- Stream enhancement
- Downstream flood reduction  
manage flows and store more water onsite
- Habitat





## Milwaukie Celebrates Arbor Day on Nov. 6



The city is celebrating Arbor Day on Nov. 6 from 8:30 a.m. to noon with festivities and a community-wide tree planting! Enjoy coffee and Voodoo tree doughnuts, watch a ceremonial tree planting and learn more about Milwaukie's urban forest program before heading out with Friends of Trees to plant new trees in the neighborhoods.

Ceremonial tree planting, proclamation reading and Arbor Day festivities begin at 8:30 a.m. at the Johnson Creek Facility, 6101 SE Johnson Creek Blvd. Tree giveaways, the Ask an Arborist booth and refreshments run from 8:30 a.m. to noon. Planting volunteers will leave the site at 9 a.m.

Attendees are required to follow current state COVID-19 guidelines, including masking requirements. Visit [govstatus.egov.com/or-oha-face-coverings](https://govstatus.egov.com/or-oha-face-coverings) for the latest requirements. Sign up to volunteer or to receive a tree at [friendsoftrees.org/event-calendar](https://friendsoftrees.org/event-calendar). For more information, visit [www.milwaukieoregon.gov](http://www.milwaukieoregon.gov) or email [urbanforest@milwaukieoregon.gov](mailto:urbanforest@milwaukieoregon.gov).

This year, Milwaukie was named Tree City of the Year by the Oregon Department of Forestry in partnership with Oregon Community Trees. Additionally, the Arbor Day Foundation awarded Milwaukie with a Growth Award this year due to the city's high level of tree care and robust urban forestry programs. To learn more, visit [www.milwaukieoregon.gov/sustainability/urbanforest](http://www.milwaukieoregon.gov/sustainability/urbanforest).

### Tree Pruning Requirements



The city's municipal code requires property owners to maintain trees in rights-of-ways that are adjacent to their property, including street trees. Property owners must prune trees in the right-of-way to an 8-foot clearance over sidewalks and intersection corners. Over the next few months, the

## Project at 3-Creeks Natural Area Designed to Improve Stream Health and Habitat



Clackamas Water Environment Services (WES) has launched a new project designed to improve the stream health, habitat and other environmental functions of the 3-Creeks Natural Area near the Clackamas Community College Harmony Campus and North Clackamas Aquatic Park.

Located in an industrial and urban residential area, 3-Creeks is a mosaic of riparian, wetland and upland habitats, including impressive groves of Oregon white oaks, with 89 acres of natural habitat for beavers, fish, deer, otters, birds and other wildlife.



Development through the years has taken a toll on the streams, which are eroding, leading to less water flows onto the floodplain. The project will allow the stream to overflow more often, which will put more water onto the floodplain to help improve water quality, enhance habitat and buffer the effects of a changing climate.

Other project goals include optimizing the performance of the existing flood reduction facility and providing community benefits, such as pedestrian access and environmental education.

To learn more about WES and the 3-Creeks Floodplain Enhancement Project, visit [www.clackamas.us/wes/3-creeks](http://www.clackamas.us/wes/3-creeks).

MILWAUKIE PILOT  
NEWSLETTER -  
NOV. 2021



# Project concept: Stream and floodplain enhancement



## LEGEND

Side Channel  
Existing Creek  
Riffle/Pool

Floodplain Grading  
Floodplain Wetland

Tax Lot  
Project Area

0 150 300 600 Feet



3 CREEKS PLAN VIEW, DECEMBER 2021





# 3-Creek Updates

## Design and Funding

January 2022

- Submitted FEMA grant application

April 2022

- DRAFT Design Report received from consultant
- Submitted NFWF Coastal Resiliency grant pre-proposal
- Research grants and submit grant applications to more fully fund the project, for newly available funds through the Infrastructure Investments and Jobs Act.

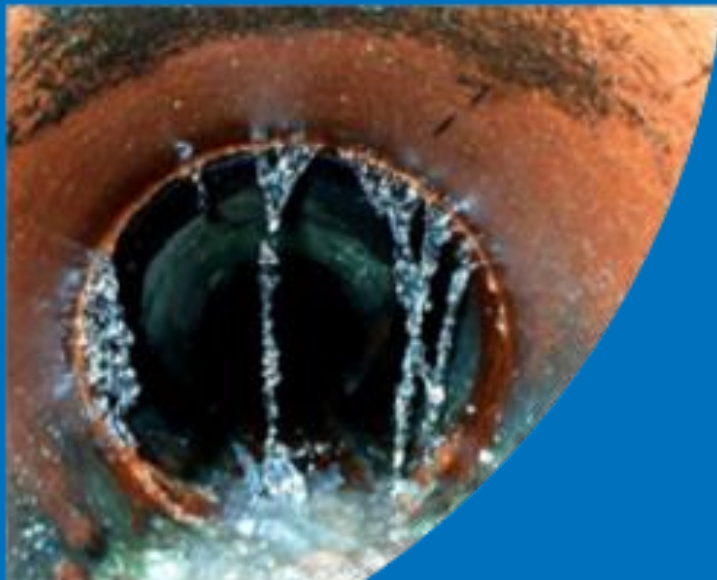
## Next Steps

- Spring 2022 – Review and finalize design report, submit to DEQ
- 2022-23 – Design, permit applications, and continued community updates
- ~2024 – Construction of floodplain improvements anticipated



# Maintaining our Vital Infrastructure

## Inflow and Infiltration Partnerships and Awards





# Protecting the Environment Surface Water Management

In 2021, WES awarded  
\$280,523 in grants through our  
**RiverHealth Stewardship  
Grant Program.**



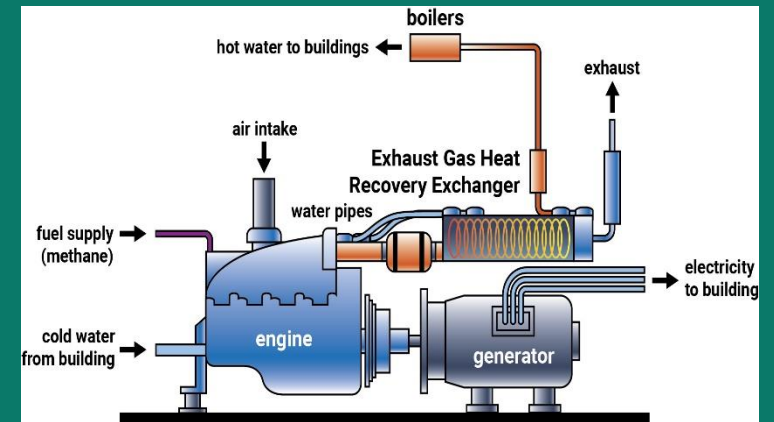


# Keeping our Waterways Clean with SOLVE





# Investing in a Cleaner Future





It's our goal to ensure that our families and neighbors enjoy the benefits of safe, healthy water for generations to come.



CLACKAMAS  
WATER  
ENVIRONMENT  
SERVICES

Clackamas Water Environment Services  
150 Beaver Creek Road #430  
Oregon City, OR 97045

503-742-4567  
wescustomerservice@clackamas.us

[clackamas.us/wes](http://clackamas.us/wes)

