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**Water Environment Services Advisory Committee  
AGENDA**

**Date:** July 10, 2025  
**Time:** 6:00 – 7:30 pm  
**Format:** Zoom  
**Link to Zoom:** <https://clackamascounty.zoom.us/j/83752656868>

**Facilitator:** Greg DiLoreto, WES Advisory Committee Chair

<b>Time</b>	<b>Topic</b>	<b>Action</b>
<b>6:00 pm</b> <i>2 minutes</i>	<b>Call to Order</b> <i>Chair, Greg DiLoreto</i>	<b>Roll Call</b>
<b>6:02 pm</b> <i>5 minutes</i>	<b>Welcome &amp; Updates</b> <i>Greg Geist, Director</i>	<b>Inform</b>
<b>6:07 pm</b> <i>5 minutes</i>	<b>Approve May Minutes</b> <i>Chair, Greg DiLoreto</i>	<b>Approval</b>
<b>6:12 pm</b> <i>6 minutes</i>	<b>Public Comment</b> <i>Each public member who would like to speak will have 3 min. The meeting adjourn time may vary depending on public comments.</i>	<b>Comment</b>
<b>6:18 pm</b> <i>15 minutes</i>	<b>Customer Assistance Program (CAP)</b> <i>Presented by Erin Blue, Finance Manager</i>	<b>Inform</b>
<b>6:33 pm</b> <i>45 minutes</i>	<b>Capital Projects Update</b> <i>Presented by Jeff Stallard, Capital Program Manager</i>	<b>Inform</b>
<b>7:18 pm</b> <i>10 minutes</i>	<b>RiverHealth Grants</b> <i>Presented by Gail Shaloum, Watershed Health Coordinator</i>	<b>Inform</b>
<b>7:28 pm</b> <i>2 minutes</i>	<b>WES Advisory Committee Report-outs</b> <i>Chair, Greg DiLoreto</i>	<b>Share</b>
	<b>Adjourn</b>	



## Minutes for Clackamas Water Environment Services (WES) Advisory Committee - DRAFT

Location: Zoom

Video link: <https://youtu.be/vlf6yIVNFME>

Time: 6:00-7:30pm

Date: May 15, 2025

Acting Chair: Greg DiLoreto, Secretary: Chris Koontz

Approval of previous meeting's minutes: Yes

### Attendees:

Members in attendance: Christopher Bowker, Christina Brow, Carol Bryck, Richard Craven, Greg DiLoreto, Anthony Fields, William Gifford, David Golobay, Brian Johnson, Michael Milch, Kathryn Miller, Michael Morrow, Colleen Rockwell, Neil Schulman

Quorum was established.

Members not in attendance: Rita Baker, Adam Khosroabadi, Preston Korst, Larry Linstrom, Denyse McGriff

Meeting called to order at 6:00PM by Chair DiLoreto.

### Agenda items with timestamps from video linked above:

- **00:01:18** Director Updates – Presenter: Greg Geist, Director (Inform)
- **00:05:04** Approve March Minutes – Facilitator: Greg DiLoreto, Chair (Consensus Approval)
  - **Minutes were approved.**
- **00:06:13** Public Comment – Facilitator: Greg DiLoreto, Chair (Comment)
  - **No Public Comments**
- **00:06:33** Budget Presentation – Presenter: Erin Blue, Finance Manager
  - **Erin presentation was informational only – the official budget presentation took place at the County budget hearing on 6/18/2025.**
- **01:09:48** WES Advisory Committee Discussion (Share)

**Motions:** None

**Announcements:** None

Meeting adjourned at 7:16pm by Chair DiLoreto

Respectfully submitted by:

Chris Koontz



# Customer Assistance Program

Erin Blue, WES Finance Manager

# Affordability Framework

- Capital Investments
- Operations & Maintenance
- Federal/State Support
- Rate Structure Design
- Customer Assistance Programs (CAPs)



Source: Environmental Financial Advisory Board (EFAB)  
Water Affordability Work Group

# Strategic Plan Alignment

## Strategy 5 – Financial Viability

We manage WES’ Financial resources to meet current and future funding needs and to maintain fair, reasonable, and equitable rates that demonstrate fiscal responsibility.

Goal	Objective	Measure
Maintain a fair and equitable rate structure that fully recovers revenue requirements and promotes affordability.	Develop and adopt monthly service rates that meet the EPA metric for affordability.	Annually maintain a mid-range or low impact rating for total annual cost of wastewater service relative to lowest quintile household income.

## Strategy 6 – Customer Satisfaction

We provide reliable, responsive customer service that aligns with our communities’ values and the expressed needs of our customers.

Goal	Objective	Measure
Increase awareness of and access to customer assistance programs that align with best practices and community values.	Develop and implement an updated low-income discount program.	By 2025, update the low income discount program.



# Project Timeline and Progress



# Research and Planning

## Challenges

## Opportunities

Limited Eligibility  
(Renters / Multi-family)

- Partnerships with community agencies
- Partnerships with other utilities
- Agreements with landlords/building owners of income-qualified housing

Underutilization

- Assessment of service area demographics and identification of eligible households
- Language translation of program materials
- Methods to simplify enrollment
- Expansion of categorical eligibility
- Data sharing with partner programs
- Targeted outreach to lower-income areas

Funding and Legal  
Constraints

- Formal funding plan
- Additional funding sources
- Annual determination of funding levels and program targets

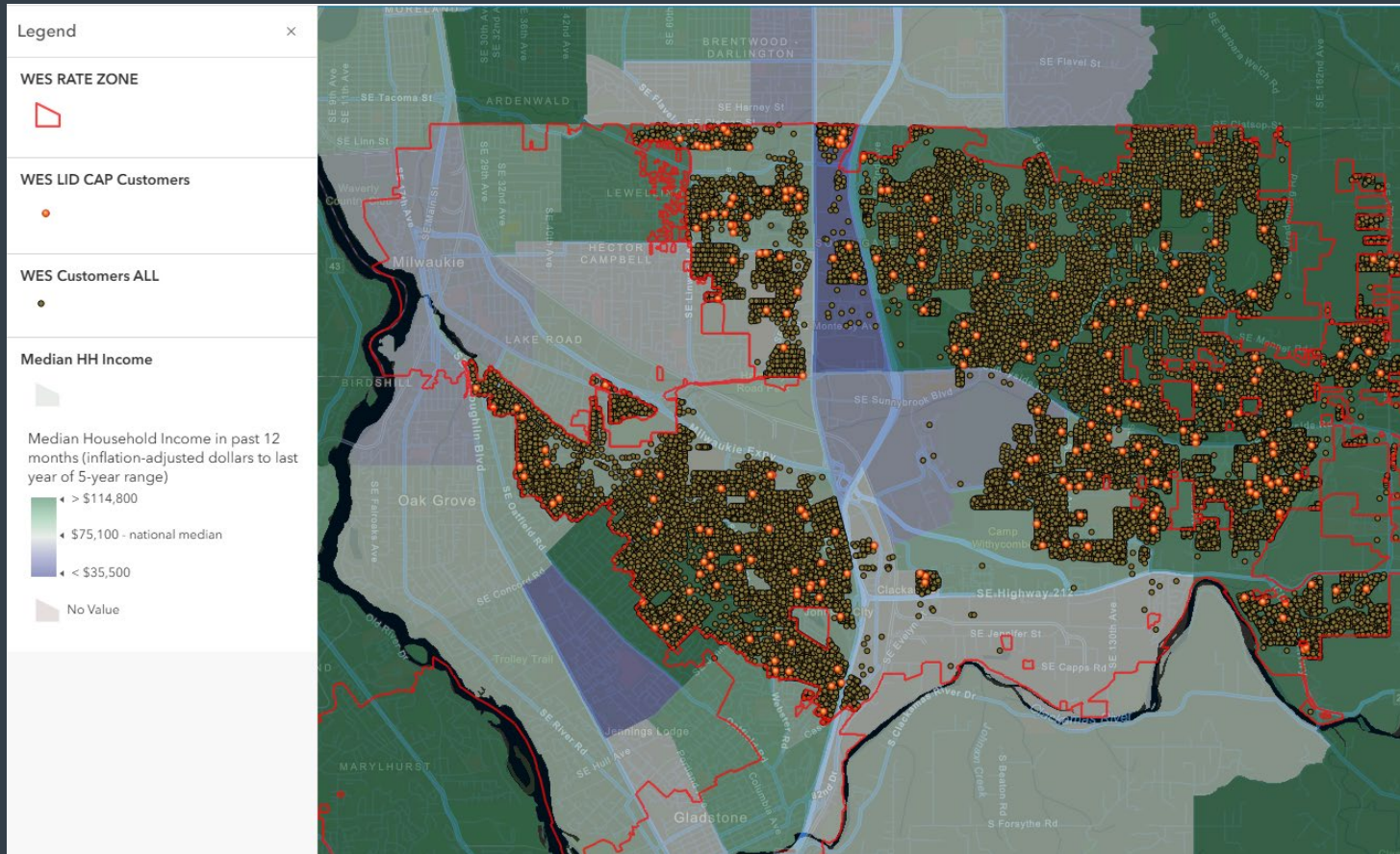
# Overview of Potential Program Changes

Program Element	Current Program	New Program
Assistance Offered	<ul style="list-style-type: none"> <li>• Low-Income Discount</li> <li>• Payment Plans</li> </ul>	<ul style="list-style-type: none"> <li>• Income-Qualified Discount</li> <li>• Payment Plans</li> <li>• Emergency/Crisis Bill Assistance</li> <li>• Late Fee Waivers/Forgiveness</li> <li>• Referrals to Other Programs</li> </ul>
Discount Amount	<ul style="list-style-type: none"> <li>• 50% reduction to monthly sewer charge</li> </ul>	<ul style="list-style-type: none"> <li>• 50% reduction to monthly sewer and surface water charges</li> </ul>
Application Process	<ul style="list-style-type: none"> <li>• Paper application (fillable form)</li> </ul>	<ul style="list-style-type: none"> <li>• Paper application (fillable form)</li> <li>• Online application</li> </ul>
Outreach	<ul style="list-style-type: none"> <li>• WES and County Websites</li> <li>• Bill inserts</li> </ul>	<ul style="list-style-type: none"> <li>• WES and County Websites</li> <li>• Bill inserts</li> <li>• Partnerships with other County departments and community non-profits</li> </ul>

# Overview of Potential Program Changes - continued

Program Element	Current Program	New Program
Income Eligibility	≤ 60% Oregon SMI for HH Size	
Categorical Eligibility	<ul style="list-style-type: none"> <li>• SNAP, TANF, SSI</li> </ul>	<ul style="list-style-type: none"> <li>• SNAP, TANF, SSI, LIHEAP, Others</li> </ul>
Enrollment Period	<ul style="list-style-type: none"> <li>• 1 Year</li> </ul>	<ul style="list-style-type: none"> <li>• 2 Years</li> </ul>
Eligibility Determination	<ul style="list-style-type: none"> <li>• Self-Certify w/ Audit</li> </ul>	<ul style="list-style-type: none"> <li>• Self-Certify w/ Audit</li> <li>• Auto-enrollment</li> </ul>
Funding Source	<ul style="list-style-type: none"> <li>• Sewer Rate Revenues</li> <li>• No program target</li> <li>• No annual funding maximum</li> </ul>	<ul style="list-style-type: none"> <li>• Sewer Rate Revenues</li> <li>• Non-rate revenues (late payment fees)</li> <li>• Donations / roundup (phase 2)</li> <li>• External sources / grants</li> <li>• Rate-funded portion ≤ x% of total budgeted sewer rate revenue; annually reviewed / budgeted</li> <li>• Legal justification</li> </ul>

# WES Service Area Mapping and Analytics



American Community Survey (ACS) data for household size and income levels joined with WES account data and GIS to:

- Develop estimates for % and # of eligible low-income households in WES' service area
- Identify areas of highest need
- Evaluate program effectiveness

# Next Steps

- Executive Review and Approval (mid - July)
- Stakeholder Review and Feedback (July - September)
  - Collaboration with Partners (July - August)
  - WESAC Review (September)
- Board Review and Approval (October)
- Implementation Preparation and Outreach (Nov. - December)
- New Program Launch (January 2026)



CLACKAMAS

WATER  
ENVIRONMENT  
SERVICES

**July 10, 2025 | WES Advisory Committee Meeting**  
**Jeff Stallard, PE, Capital Manager**



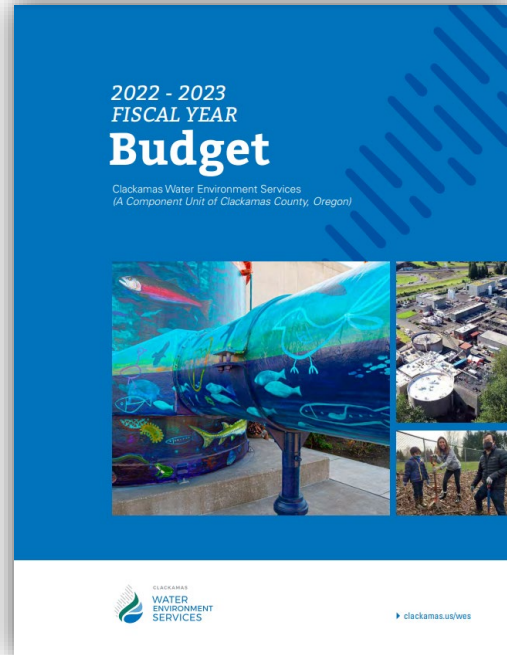
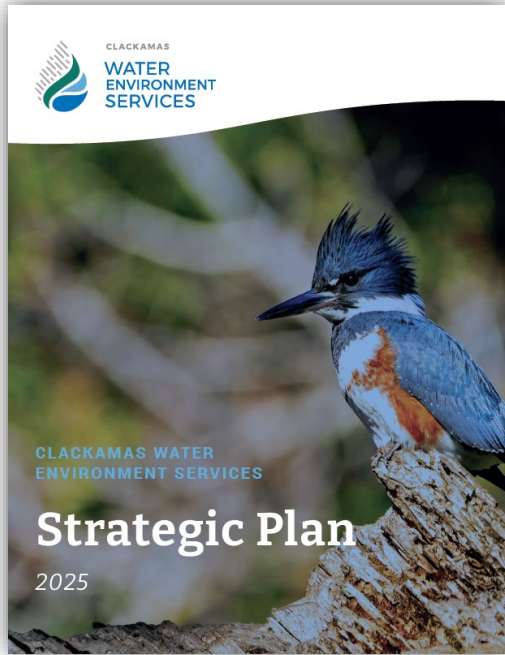
# Capital Projects Update

# Protect Water Quality & Public Health



# Planning for the Future

## Core Strategies



# Planning for the Future

*CIP is based on thoughtful planning*



# Wastewater CIP Priorities

## Reliability



## Capacity

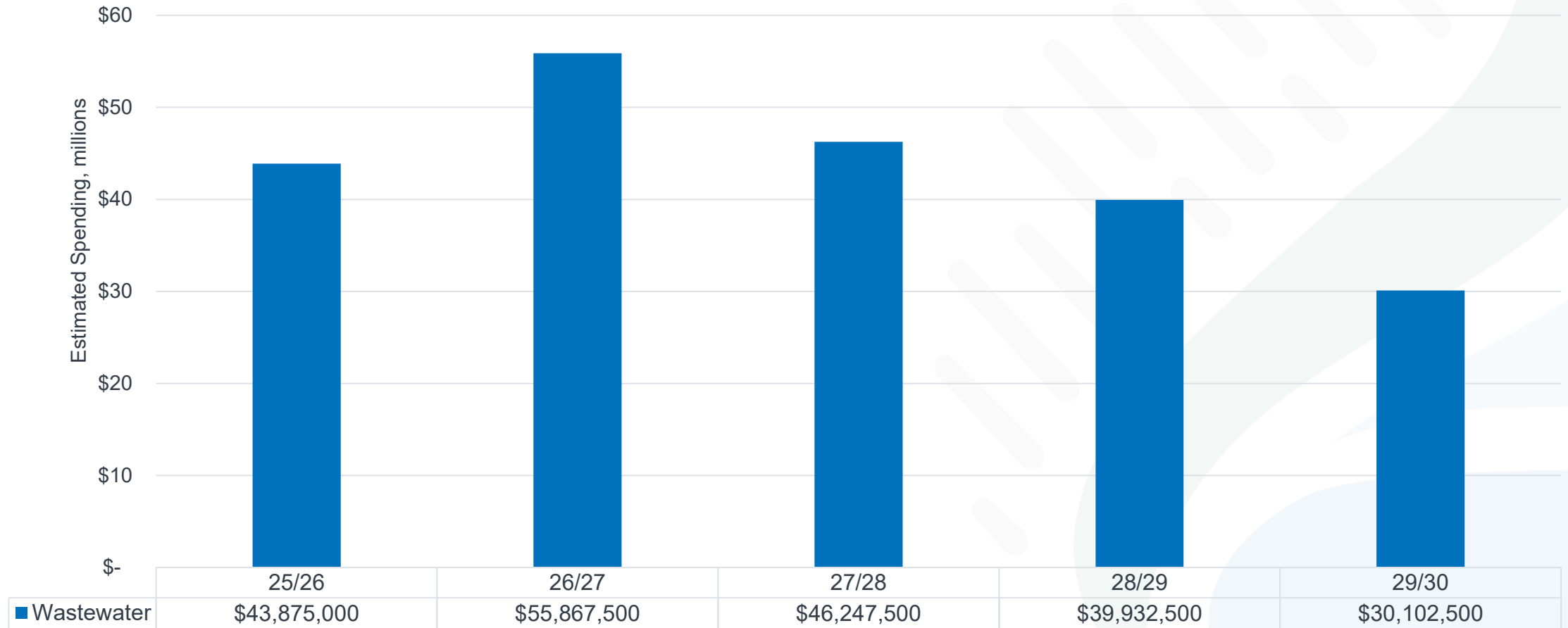


*PROVIDE wastewater planning, engineering, and construction services to provide ratepayers with **reliable** wastewater treatment and conveyance infrastructure and support planned **growth**.*



# Wastewater CIP Projected Annual Spending

Water Environment Services  
FY 25/26 - 29/30 CIP

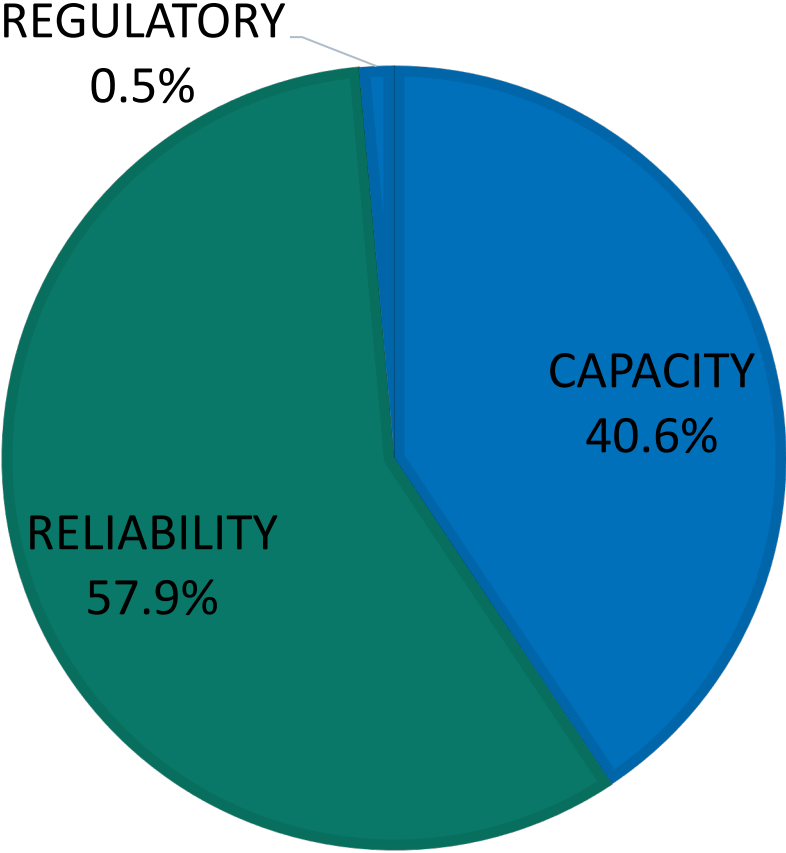


# Surface Water CIP Projected Annual Spending

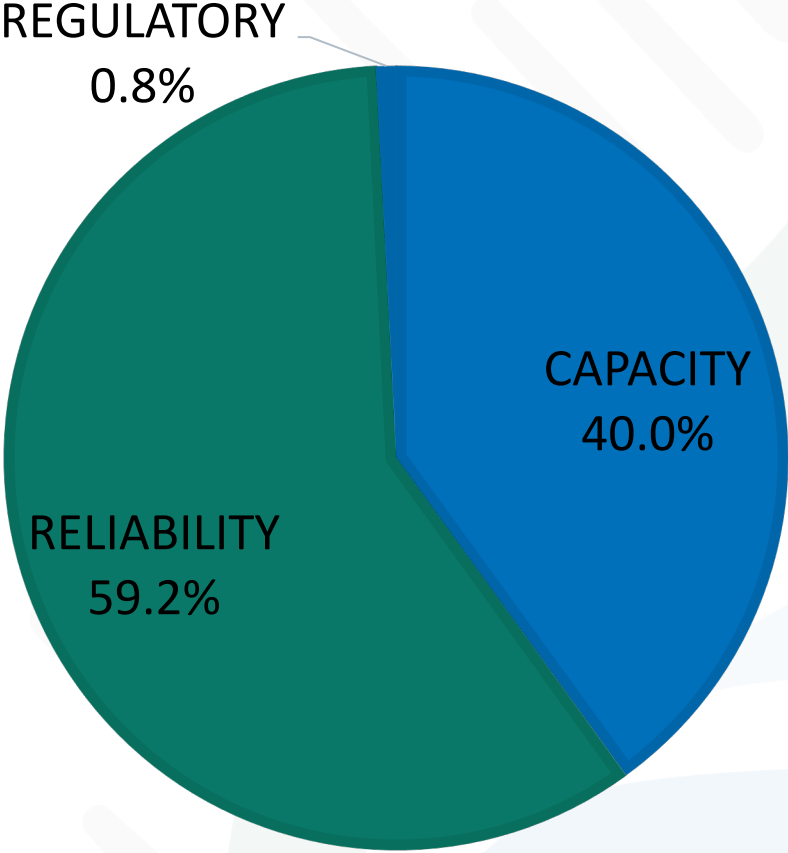
Water Environment Services  
FY 25/26 - 29/30 CIP



# Projected Wastewater CIP \$ Allocation



**5 YEAR CIP**



**11 YEAR CIP**



# How are we doing delivering the CIP?

- Planned Projects (FY 25/26): 25
- Projects Underway: 22
- Budgeted: \$79.5M
- Estimated Spend: \$65.5M
- Managing 51 active contracts
- Additional work to be completed for ongoing programs
  - I/I Reduction
  - WRRF R&R Projects
  - Pump Station R&R Projects
  - Fleet



# Capital Group Accomplishments

## Leadership & Recognition

- Jessica Rinner named Chair Utility Management Committee – PNCWA
- Zach Koellermeier APWA Education Committee

## Utility Collaboration

- Ongoing I/I Collaboration with our member cities
- Site visits on Wet Weather expansion and Tri-City Influent Pump Station Project
- Salem inquired to meet and discuss WES approach to Smart Pigging work completed on Bolton
- Participation in a Water Research Foundation project around Struvite
- Project Tour of Carli Creek for PNCWA Conference

## Team Growth

- The WES Surface Water group joined Capital Team
- Capital Engineer passed the PE Exam

## Innovation & Thoughtful Leadership

- Tri-City Outfall Project plenary presentation at ACWA Conference and another presentation at PNCWA
- Ammonia Optimization at Tri-City WRRF will be presented at PNCWA
- The Bolton Force Main Pigging project has been presented at No-Digg, PNCWA, and AWWA

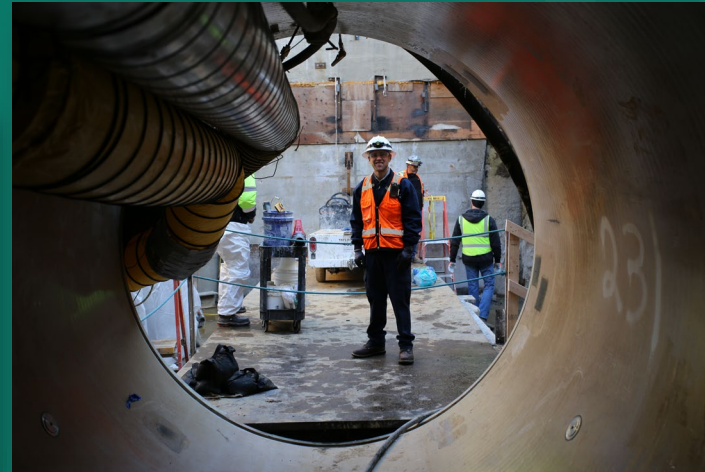
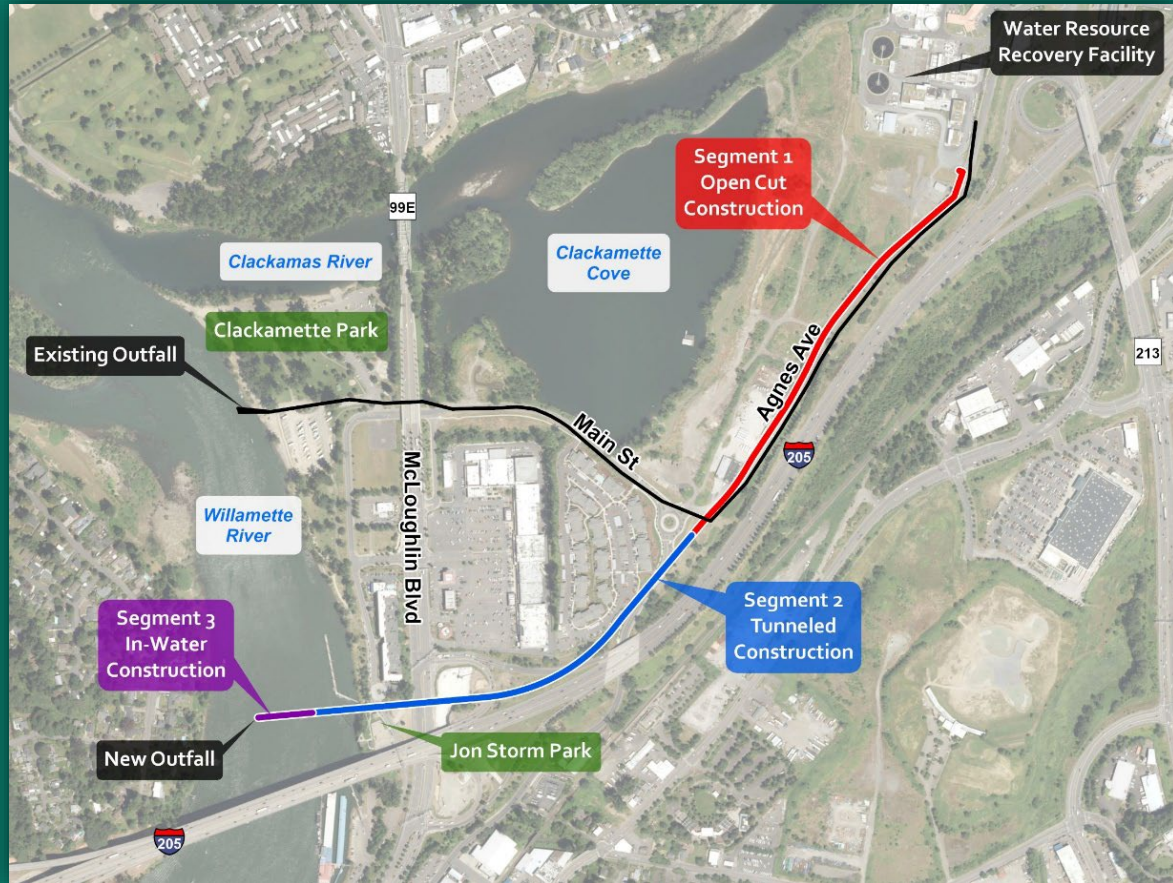


# Water Resource Recovery Facility Projects

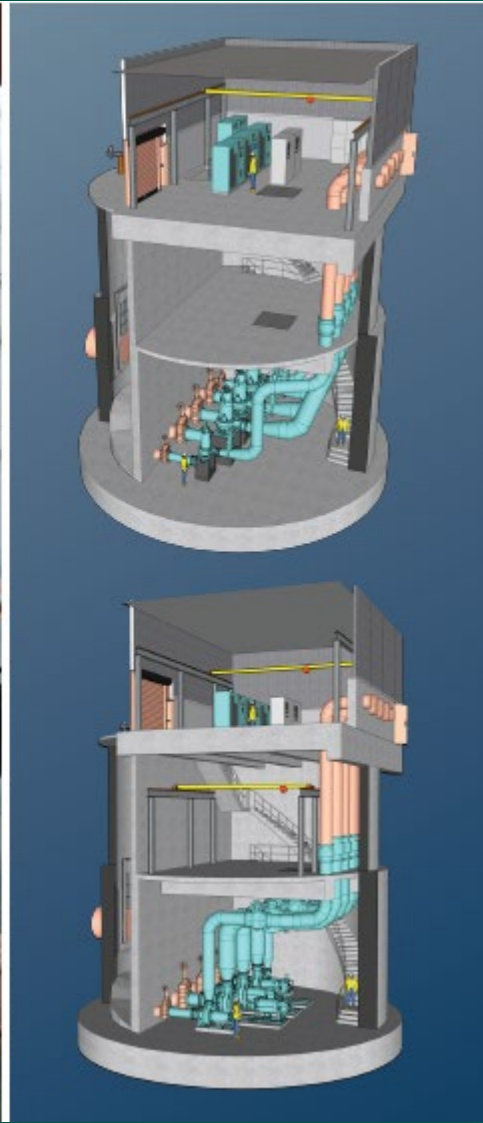


# Building a Clean Water Future

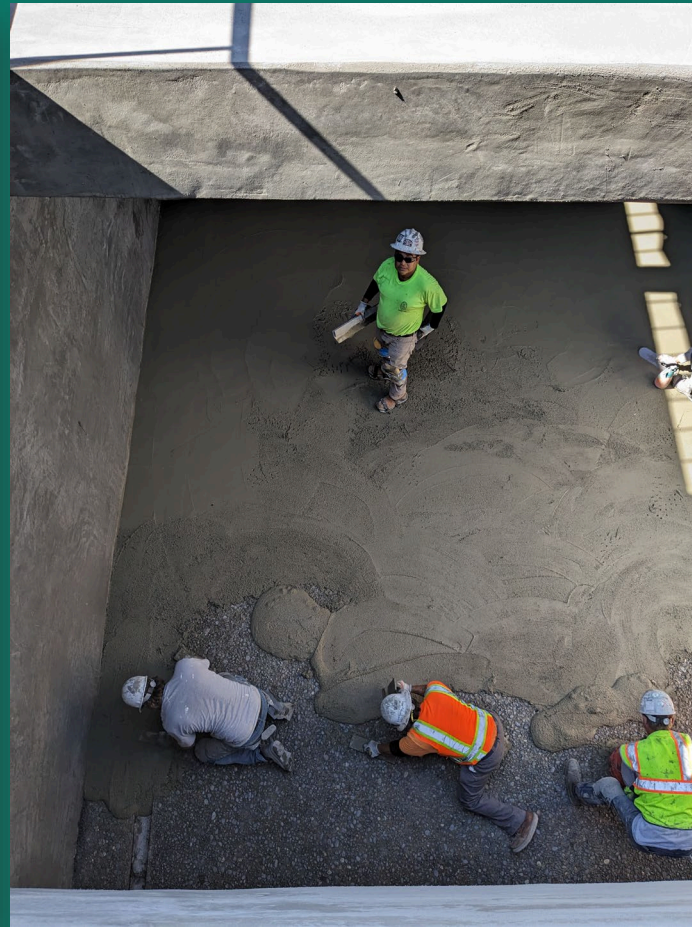
## *The Tri-City Outfall Project*



# Tri-City Influent Pump Station



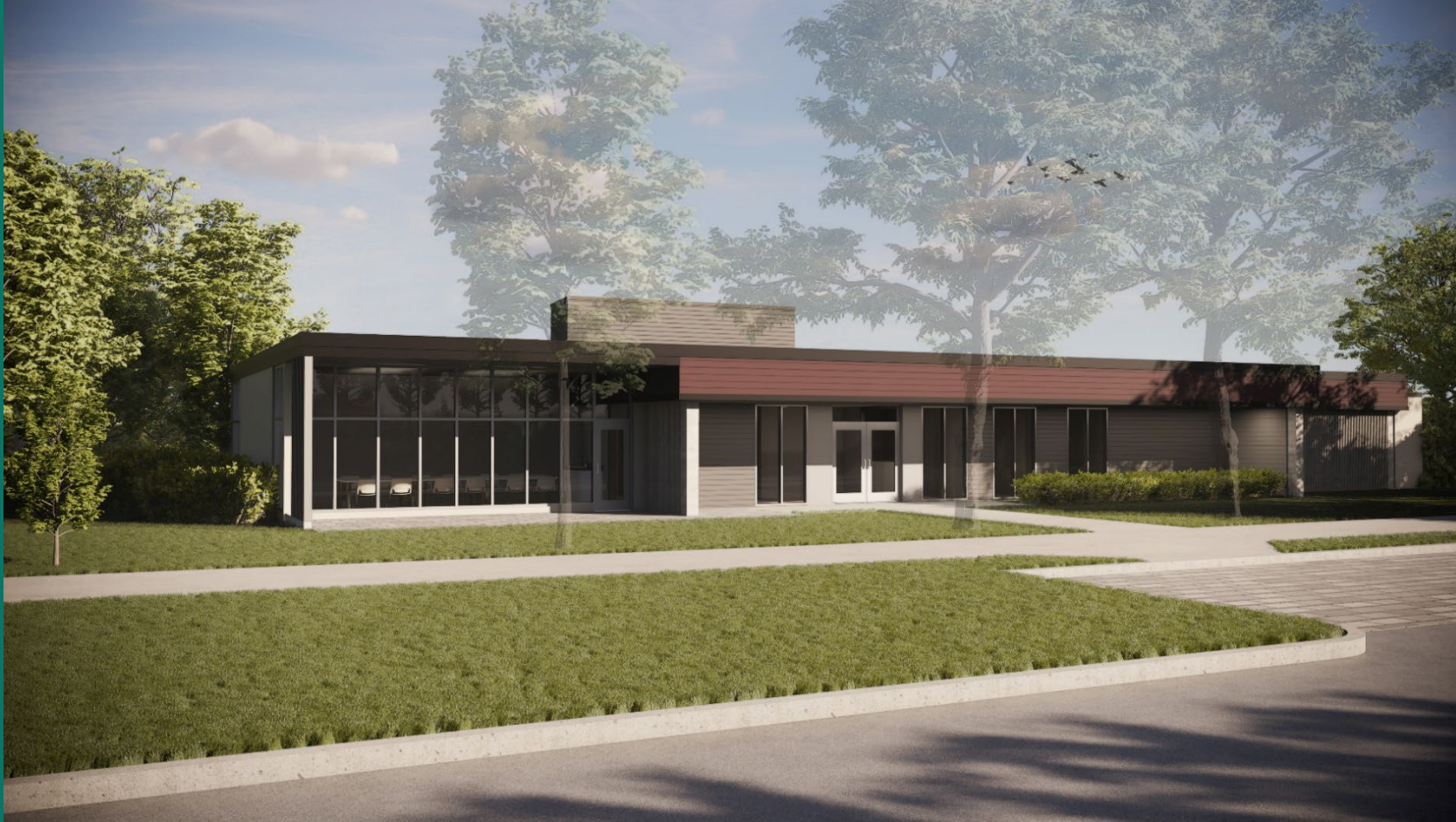
# Tri-City Primary Clarifiers



# Tri-City Aeration Improvements



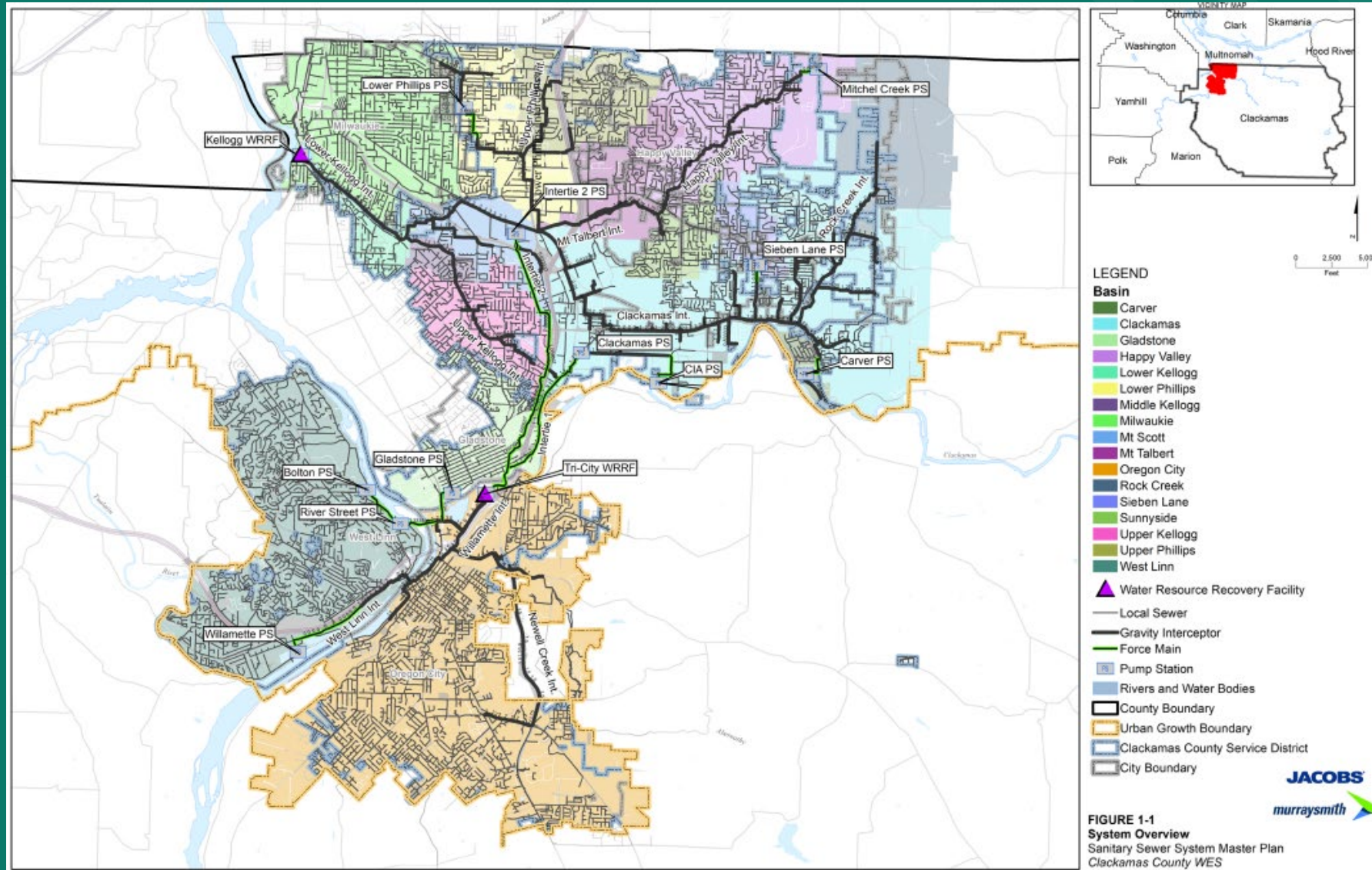
# Kellogg Creek Administration Building



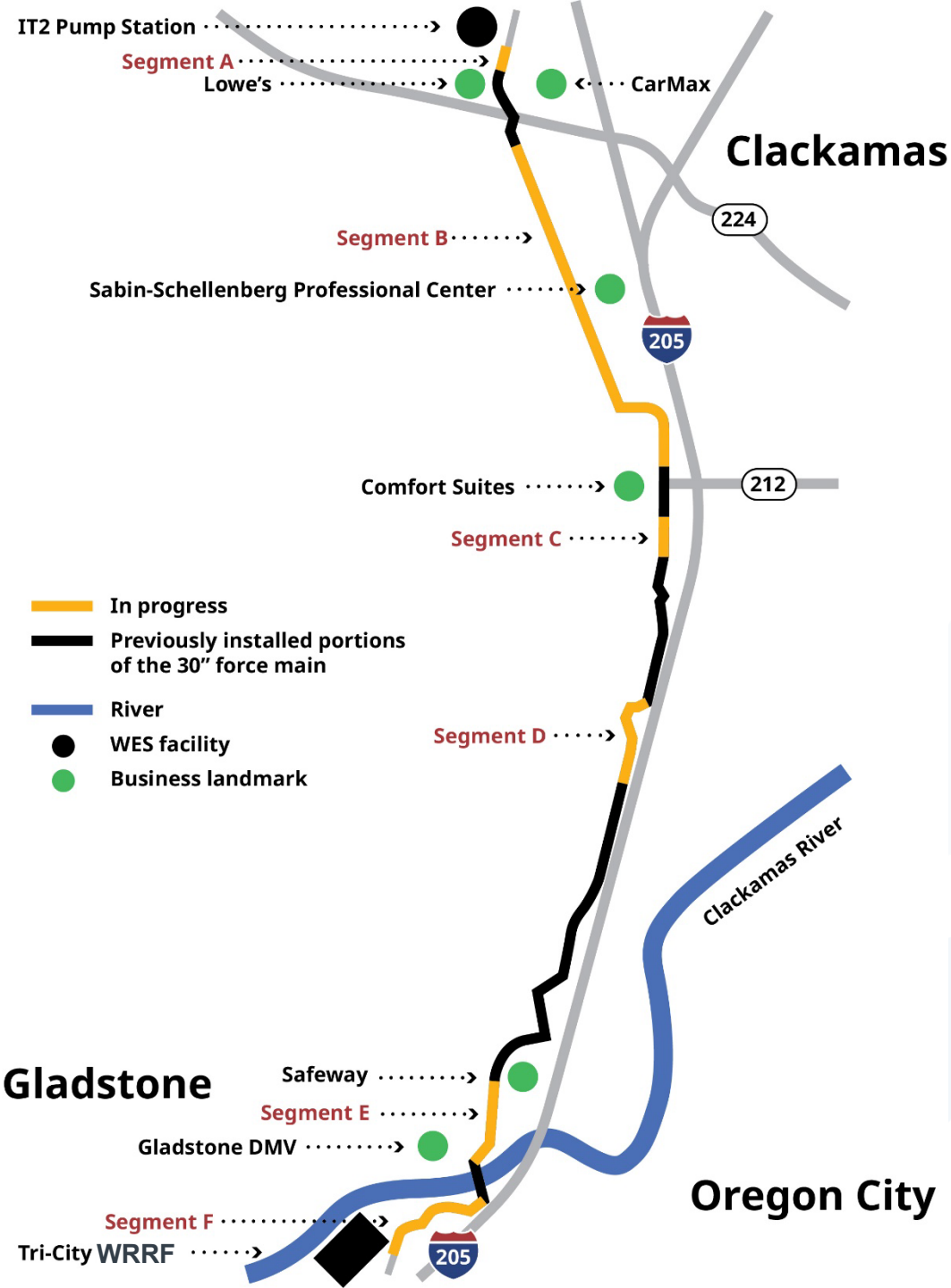
# Kellogg Creek Disinfection Project



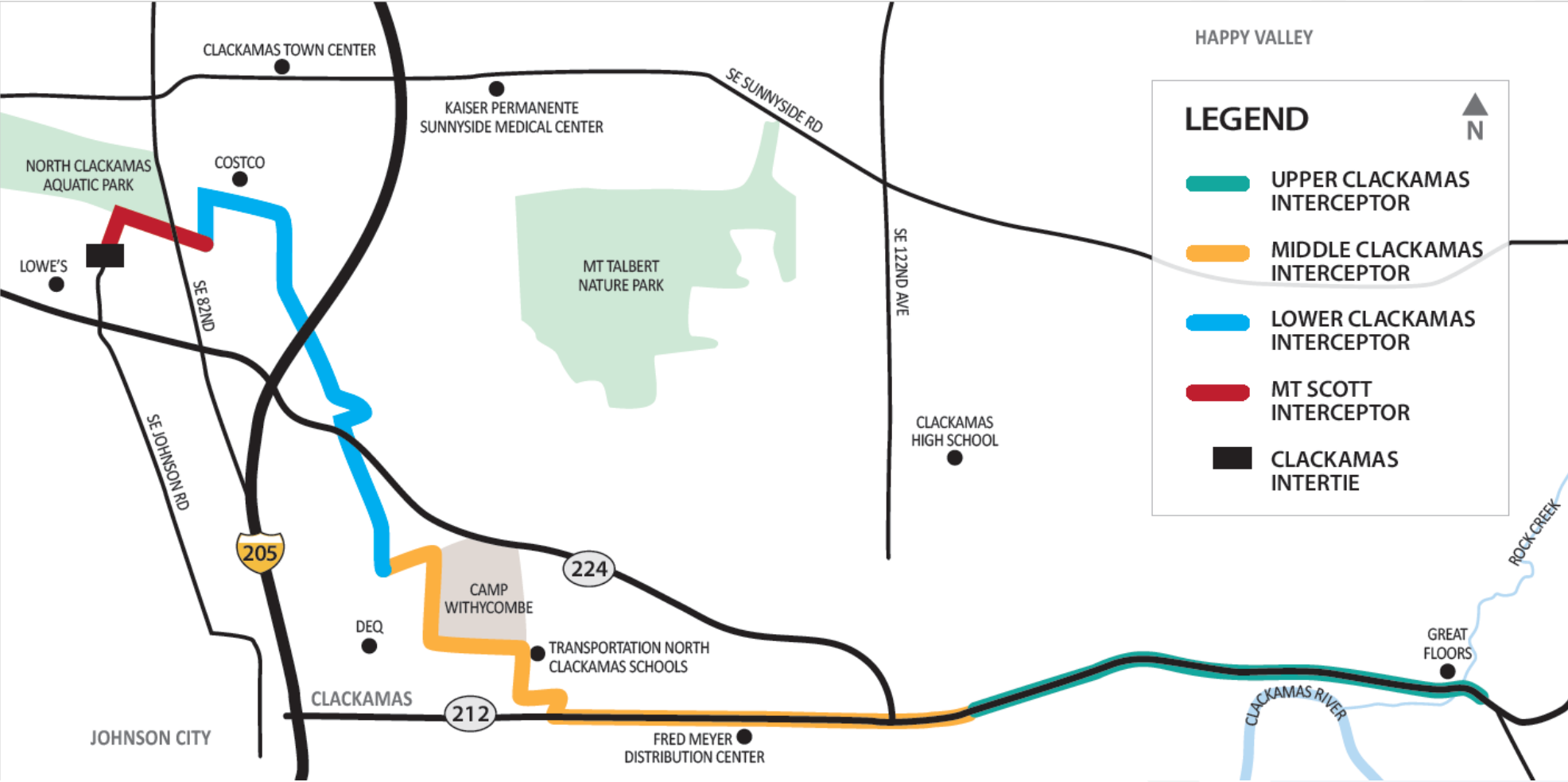
# Collection System Projects



# Intertie 2 Pump Station & Force Main (IT2)

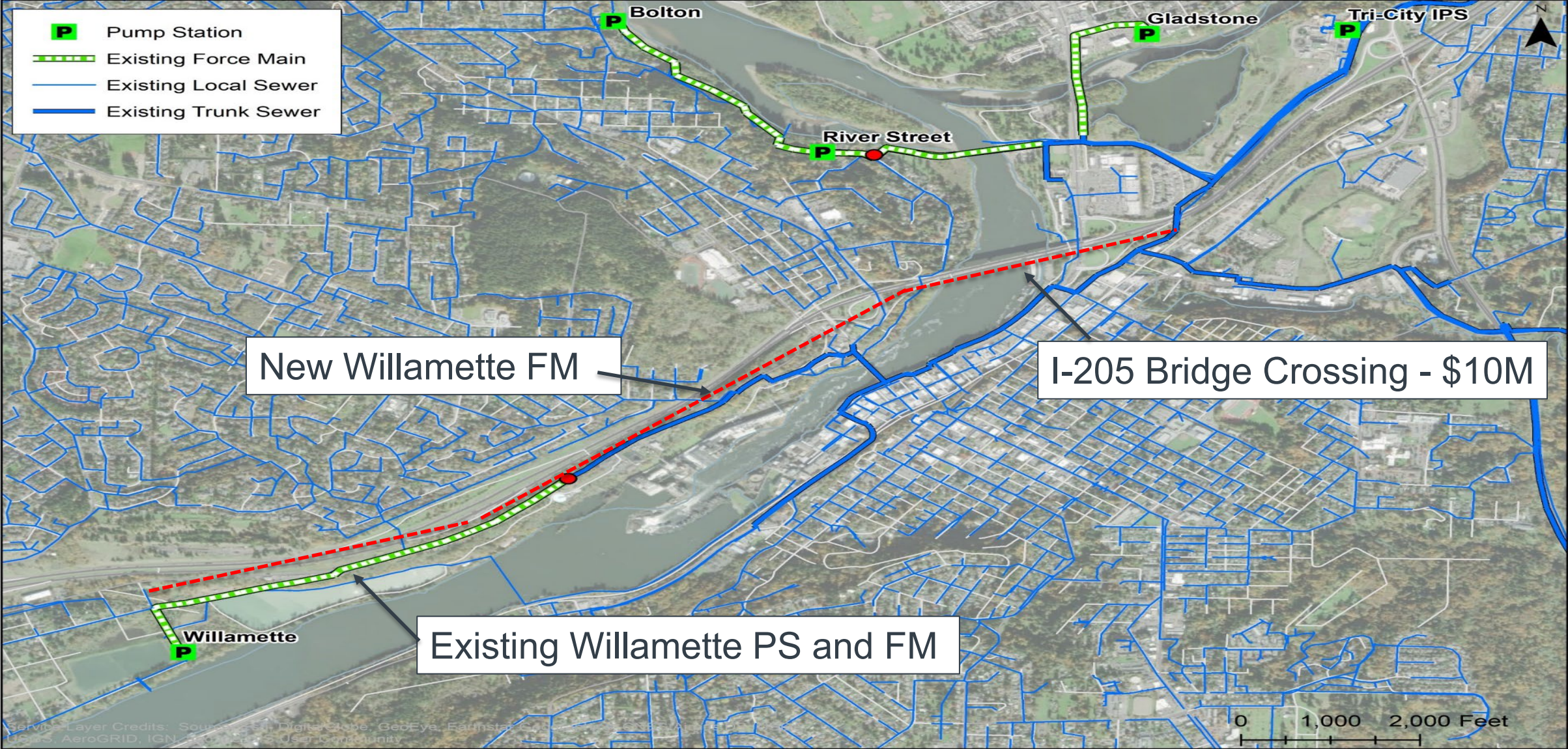


# Clackamas Area Interceptor Improvement Project





# Willamette Pump Station and Force Main Project

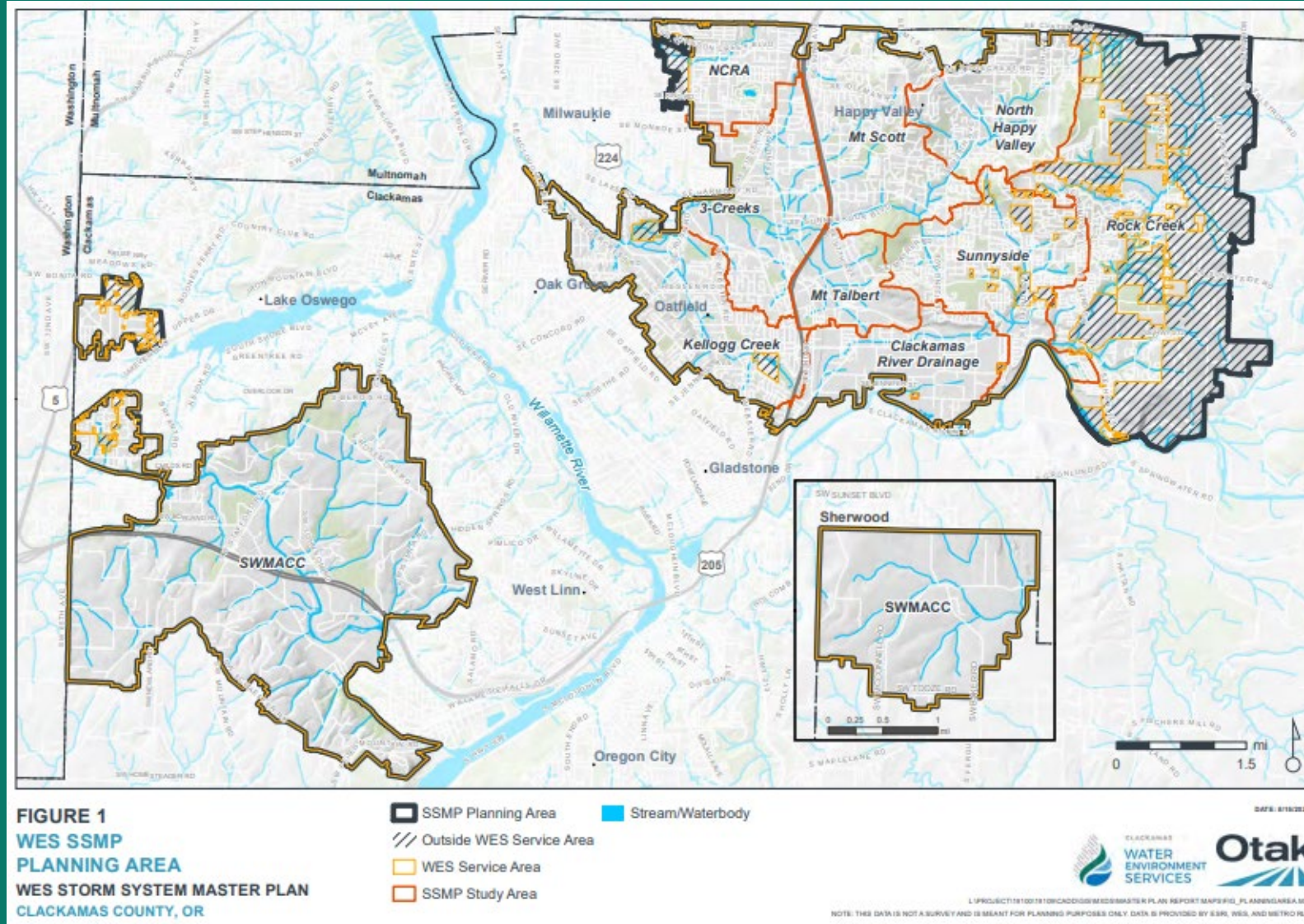


# Multi Pump Station Improvements

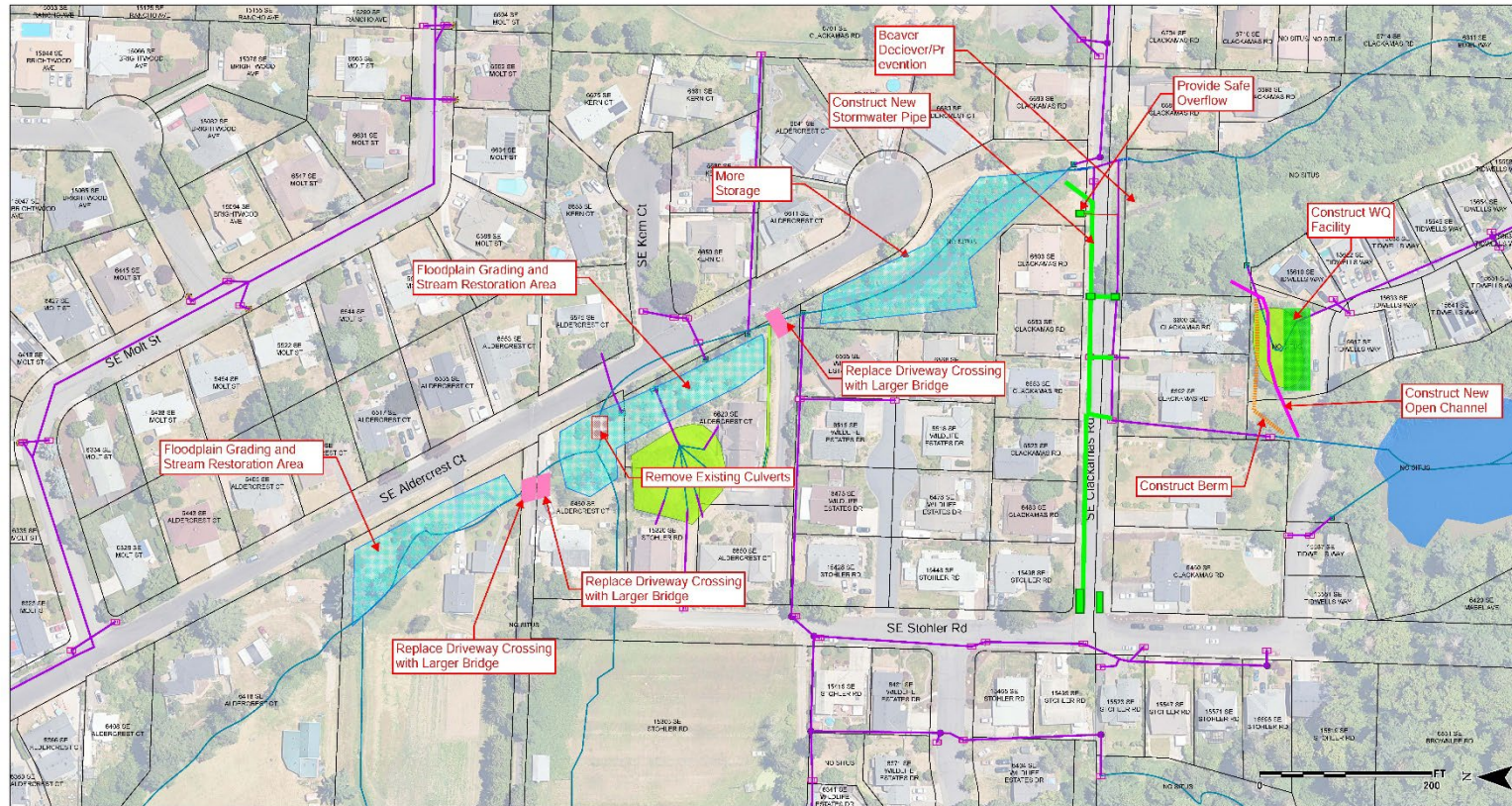
Pump Station	Status
Bolton	Complete
River Street	Complete
Timberline Rim	Complete
Clackamas	Complete
Gladstone	Complete
82 <sup>nd</sup> Drive	Out to Bid
Golf Club Terrace	Out to Bid
South Welches	Out to Bid
Sieben Lane	Out to Bid
Carver	Under Construction
Mitchell Creek	Under Construction



# Surface Water Projects



# Upper Kellogg Creek



## DESIGN CONCEPTS UPPER KELLOGG CAPITAL IMPROVEMENTS

CLACKAMAS COUNTY WATER ENVIRONMENT  
SERVICES  
CLACKAMAS COUNTY | OREGON

### LEGEND

- SW Virtual Drain
- Lake or Pond
- Storm Pipe
- ▬▬▬ Culvert
- Inlet
- Storm Manhole
- Dry Well
- Discharge Point
- Vegetated Stormwater Facility
- Taxlots



# 3-Creeks Natural Area Floodplain Enhancement Project



# Questions?



**Gail Shaloum**  
**WES Advisory Committee | July 2025**



# RiverHealth Stewardship Program Update



# Overview

- Community groups, businesses improve watershed health in our Surface Water Districts
- Funded by surface water fees (\$152K in 2013 and \$330K now)
- Improve watershed health:
  - Riparian functions
  - Treat runoff from pavement
  - Education to improve water quality



# Highlights 2024-25

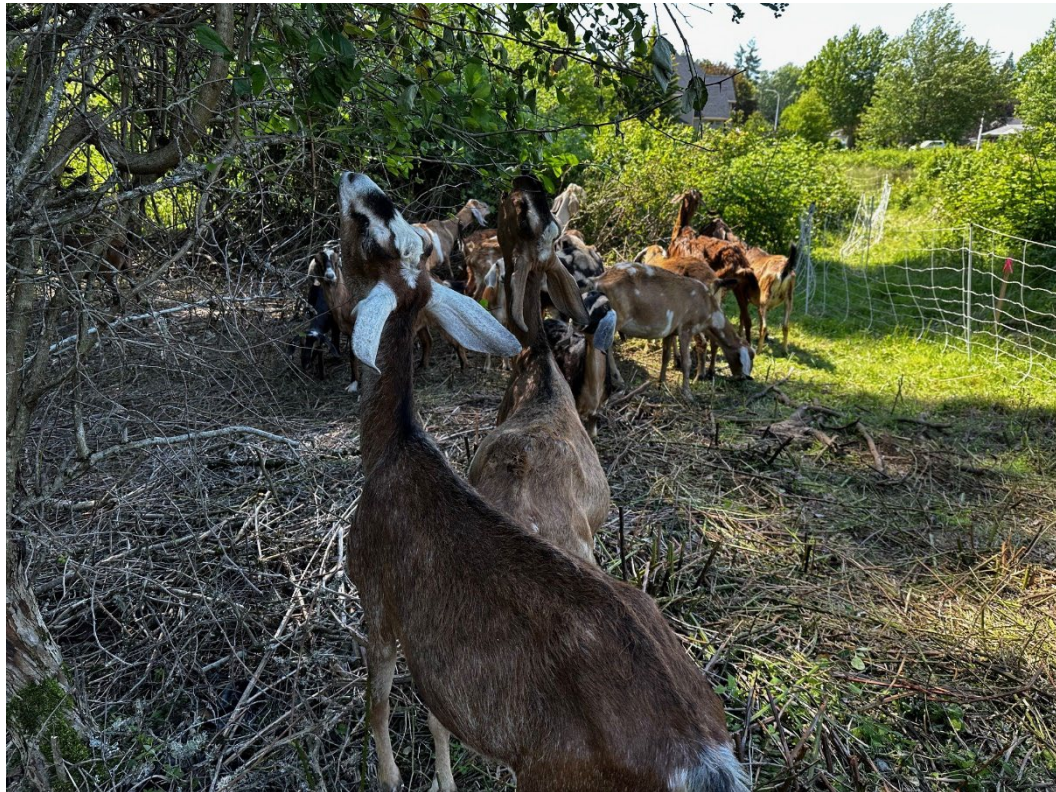
- Bob's Red Mill - Mills End Wetland Restoration
- Happy Valley Heights HOA - Happy Valley Natural Area Restoration



# Bob's Red Mill - Mills End Wetland Restoration



# Happy Valley Heights HOA



**Thanks-  
Bella Helping Hands!**



Last Saturday in Bella Casa:  
Tract A has 100 new evergreen trees!  
All funds were provided by a grant.  
Thanks to all who came out and helped.  
Come out and plant next time around!



# RHSP grant recipients 25-26

- Bob's Red Mill Natural Foods – Mill's End Restoration
- Clackamas River Basin Council – Clackamas Basin Urban Shade Our Streams
- Clackamas River Community Cooperative – CRCC Riparian Area Protection
- Columbia Land Trust/Bird Alliance of Oregon – Backyard Habitat Certification Program-Clackamas
- Ecology in Classrooms and Outdoors – Building Stewardship Through Watershed Education
- Friends of Trees – Clackamas Education & Watershed Stewardship 25-26
- Happy Valley Heights Homeowners Association – Happy Valley Riparian Restoration
- Johnson Creek Watershed Council – Johnson Creek Volunteer Stewardship, Education & Creek Care
- North Clackamas Watersheds Council – Streamside Stewards: Parmenter Ponds Expansion & Landowner Education
- Northwest Youth Corps – Youth Community Stewardship Crews
- The Wetlands Conservancy – Healthy Hearthwood Wetlands
- Tualatin River Watershed Council – Restoring Riparian Health and Stream Shade on Saum, Wilson, and Rock Creeks
- World Salmon Council – Salmon Watch Programming



# Projects to watch in 2025-26



Proposals

*Due by 4pm, Thursday, April 17, 2025*

## RiverHealth Stewardship Program

*The RiverHealth Stewardship Program supports community groups, businesses, and property owners who want to improve the health of watersheds within surface water areas served by Clackamas Water Environment Services (WES).*

# Columbia Land Trust/Bird Alliance of Oregon Backyard Habitat Certification Program

- Turns residents into restoration and clean river volunteers
- In-person and follow-up education, resources, and recognition
- Manage stormwater on site, plant native plants, remove invasive weeds, reduce or eliminate use of pesticides, and steward wildlife
- Within WES' service area-including SWMACC, 238 residents have enrolled in the program
- Approx. 30 new sites will be added



# Clackamas River Community Cooperative CRCC Riparian Area Protection

- Community working to control erosion on steep slope of a riparian zone
- 3 acres of steep hillside w/invasive vegetation to be replaced by native vegetation, coir logs
- Extend stormwater pipes to the toe of the slope
- Located on Sieben Creek near confluence w/ Clackamas River



# Accomplishments 2013-2024

	# grants	111
# students or volunteers participated		22,000
length of stream worked on, lf		251,000
acres of project area		1,090
acres invasives removed		850
# trees planted		36,450
# shrubs planted		134,720

2024-25 invoices and reporting due July 15



# How you can get involved

- Grant funded volunteer events listed on County Events:  
<https://www.clackamas.us/events>

CLACKAMAS COUNTY

COMMUNITY BUSINESS DEPARTMENTS OUR COUNTY I WANT TO...

EVENTS

## Calendars and Events

ALL EVENTS PUBLIC NOTICES FAMILIES AND KIDS PUBLIC MEETINGS TRAINING AND EDUCATION VOLUNTEER OPPORTUNITIES

Saturday, October 26

Water Environment Services

9:00 am - 12:00 pm | Halloween Ivy Removal & Tree Saving

Saturday, November 2

Water Environment Services

8:45 am - 1:00 pm | Spring Mountain planting

Saturday, November 23

Water Environment Services

9:00 am - 12:00 pm | Thanksgiving Ivy Removal & Tree Saving

Saturday, February 8

Water Environment Services

8:45 am - 1:00 pm | Windswept Waters Natural Area planting

Saturday, March 8

Search Calendars

type your search term here

Events From

Search by department:

WES

Starts with

APPLY





CLACKAMAS  
WATER  
ENVIRONMENT  
SERVICES

# Thank you

*Rita Baker, Christopher Bowker, Samantha Bachman, Todd Loggan, Carole Ann Churchill, Galen Hoshovsky, Alexa Morris, ...and Ron Wierenga*