



**TUALATIN VALLEY**  
WATER DISTRICT

## TVWD BOARD OF COMMISSIONERS

President Todd Sanders, PhD | Vice President Carl Fisher

Secretary Jim Doane, PE | Treasurer Elliot Lisac | Commissioner Jim Duggan, PE

# Board Meeting Agenda

March 20, 2024

**REGULAR SESSION – 6:00 PM – TVWD HEADQUARTERS**

**CALL TO ORDER**

**REPORTS BY THE CHIEF EXECUTIVE OFFICER AND MANAGEMENT STAFF**

**COMMISSIONER COMMUNICATIONS**

- A. Reports of meetings attended
- B. Topics to be raised by the Commissioners

### **PUBLIC COMMENT**

This time is set aside for persons wishing to address the Board on items on the Consent Agenda and matters not on the agenda. Additional public comment will be invited on agenda items as they are presented. Each person is limited to five minutes, unless an extension is granted by the Board. Should three or more people testify on the same topic, each person will be limited to three minutes.

### **1. CONSENT AGENDA**

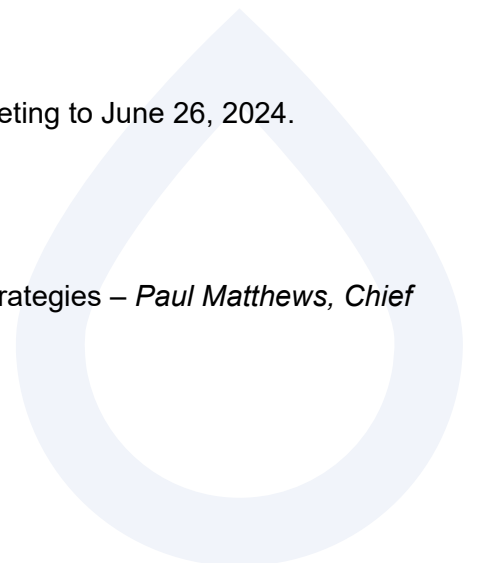
These items are considered to be routine and may be approved in one motion without separate discussion. Any Board members may request that an item be removed by motion for discussion and separate action. Any items requested to be removed from the Consent Agenda for separate discussion will be considered immediately after the Board has approved those items which do not require discussion.

- A. Approve the February 21, 2024 Regular Meeting Minutes
- B. Approve the March 5, 2024 Work Session Meeting Minutes
- C. Consider a Resolution Rescheduling the June 19, 2024 Regular Meeting to June 26, 2024.

### **2. BUSINESS AGENDA**

- A. Consider a Resolution Establishing State and Federal Legislative Strategies – *Paul Matthews, Chief Executive Officer*

### **ADJOURNMENT**



If you wish to attend this meeting remotely or in person, please email [sam.kaufmann@twwd.org](mailto:sam.kaufmann@twwd.org) or call 503-848-3094 by 4:30 p.m. on March 20, 2024.

The meeting is accessible to persons with disabilities and those who need qualified bilingual interpreters. A request for an interpreter for the hearing impaired, a bilingual interpreter or for other accommodations should be made at least 72 hours before the meeting to the contact listed above.

For online meeting information, Commissioner bios and more, visit [twwd.org](http://twwd.org).





**TUALATIN VALLEY**  
WATER DISTRICT

# Board Meeting Minutes

February 21, 2024

## REGULAR MEETING – 6:01 PM

### CALL TO ORDER

Commissioners Present: Jim Doane, PE; Jim Duggan, PE; Carl Fisher; Elliot Lisac, Todd Sanders, PhD

Staff Present: Paul Matthews, Chief Executive Officer; Clark Balfour, General Counsel; Justin Carlton, Interim Chief Financial Officer; Pete Boone, PE, Chief Operating Officer; Dave Kraska, PE, Water Supply Program Director; Andrew Carlstrom, Customer Service Director; Justin Dyke, Communications Director; Kylie Bayer, Human Resources Director; Tim Boylan, IT Services Director; and Sam Kaufmann, District Recorder.

### REPORTS BY THE CHIEF EXECUTIVE OFFICER AND MANAGEMENT STAFF

Paul Matthews presented the Chief Executive Officer report.

Commissioner Lisac asked staff to investigate how the public water sector compares to other public sectors regarding bilingual employment.

### COMMISSIONER COMMUNICATIONS

A. Reports of meetings attended.

Commissioners described and submitted a list of recently attended meetings (see attached forms).

B. Topics to be raised by the Commissioners.

None.

### PUBLIC COMMENT

There were none.

### 1. CONSENT AGENDA

A. Approve the January 17, 2024, regular meeting minutes.

B. Approve the February 6, 2024, work session meeting minutes.

C. Approval of the Willamette Water Supply System grant technical correction.

Motion was made by Duggan, seconded by Lisac, to approve the Consent Agenda as presented. The motion passed unanimously with Doane, Duggan, Fisher, Lisac and Sanders voting in favor.

## 2. BUSINESS AGENDA

A. Adoption of the TVWD Regional Principles. *Staff Report – Paul Matthews, Chief Executive Officer*

Paul Matthews presented his staff report on the TVWD Regional Principles.

Motion was made by Doane, seconded by Fisher to adopt Resolution 04-24, a resolution establishing the regional principles for the Tualatin Valley Water District. The motion passed unanimously with Doane, Duggan, Fisher, Lisac and Sanders voting in favor.

### ADJOURNMENT

There being no further business, President Sanders adjourned the meeting at 6:40 PM

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Todd Sanders, President

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Jim Doane, Secretary

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**CUSTOMER ASSISTANCE PROGRAM UPDATE**

- The update on Customer Assistance Program will be rescheduled.
- Staff is working on both the third-party verification and other business processes with the CIS.
- Staff plans to present an update to the Board in April.

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## CUSTOMER PHONE SURVEY REMINDER

- This week, our contractor will begin phone surveys of randomly selected TVWD, City of Hillsboro, and City of Beaverton water customers.
- Purpose: to understand perceptions and opinions about drinking water in advance of WWSS integration.
- Target: 400 respondents.
- Board members, Budget Committee members, and staff are asked not to participate to prevent bias of the results.



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## TALKIN' WATER

### Six Things to Know About Your Water Service

- Thursday, February 9, 12:00-1:00pm.
- The access link will be posted on TVWD's website.
- Registration is not required.



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## ROY ROGERS ROAD CLOSURE

### Key Facts

- Over Presidents' Day weekend to install 250-feet of 66-inch pipe.
- Road closure began at 7:00 pm on Friday, reopening Monday at 5:00 am.
- Required 24-hour/Day operations to complete pipe installation, backfill, and pavement restoration.
- Drivers were notified in advance using signs, TripCheck, City/County websites, and news updates.
- Approved detour routes were planned years in advance with the County.
- WWSP public outreach team worked with local businesses to manage potential impacts.
- Successful completion of this installation eliminates another significant construction and schedule risk for the WWSP.
- We appreciate the cooperation of Washington County in allowing the road closure.

## DEPARTMENT REPORT

Human Resources Director Kylie Bayer will present the department report this evening.



# Human Resources Division Update EEO-4 Reporting

Kylie Bayer, Human Resources Director

February 21, 2024

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## **EQUAL EMPLOYMENT OPPORTUNITY COMMISSION**

- EEOC enforces Title VII of the Civil Rights Act of 1964 – *prohibits employment discrimination based on race, color, religion, sex, and national origin.*
- EEOC investigates charges of discrimination against employers covered by the law
- EEOC works to prevent discrimination through outreach, education, and technical assistance programs
- Requires employers to periodically file workforce demographics reports



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## EEO-4 REPORTING

- Local governments must file report every other year
- Information collected:
  - Race/ethnicity
  - Sex
  - Job Category
  - Salary
- Why is this important?
  - Compliance with federal regulations
  - Identifying potential disparities
  - Benchmarking and monitoring progress on DEI efforts



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## DATA LIMITATIONS

- US census categories
- Limited to race and gender
- Self-reported upon hire
  - If not reported, employer can make assumption



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## TVWD'S 2023 EEO-4 DATA

Female	Male
28.3%	71.7%

	American Indian/ Alaska Native	Asian	Black/ African American	Hispanic/ Latino	Native Hawaiian/ Pacific Islander	Two or more races	White
TVWD Employees	0%	3.6%	1.5%	5.1%	2.9%	2.2%	84.8%
TVWD Service Area	.62%	15.91%	2.96%	14.86%	.49%	8.45%	59.78%



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## DEMOGRAPHIC DATA & DEI

Data can be used to pinpoint areas for improvement and apply interventions such as:

- Targeting outreach efforts to women, people of color, and people with bilingual skills
- Creating programs to expose population groups to water utility sector as a career
- Highlighting TVWD's commitment to equity and inclusion in job announcements and recruitment materials



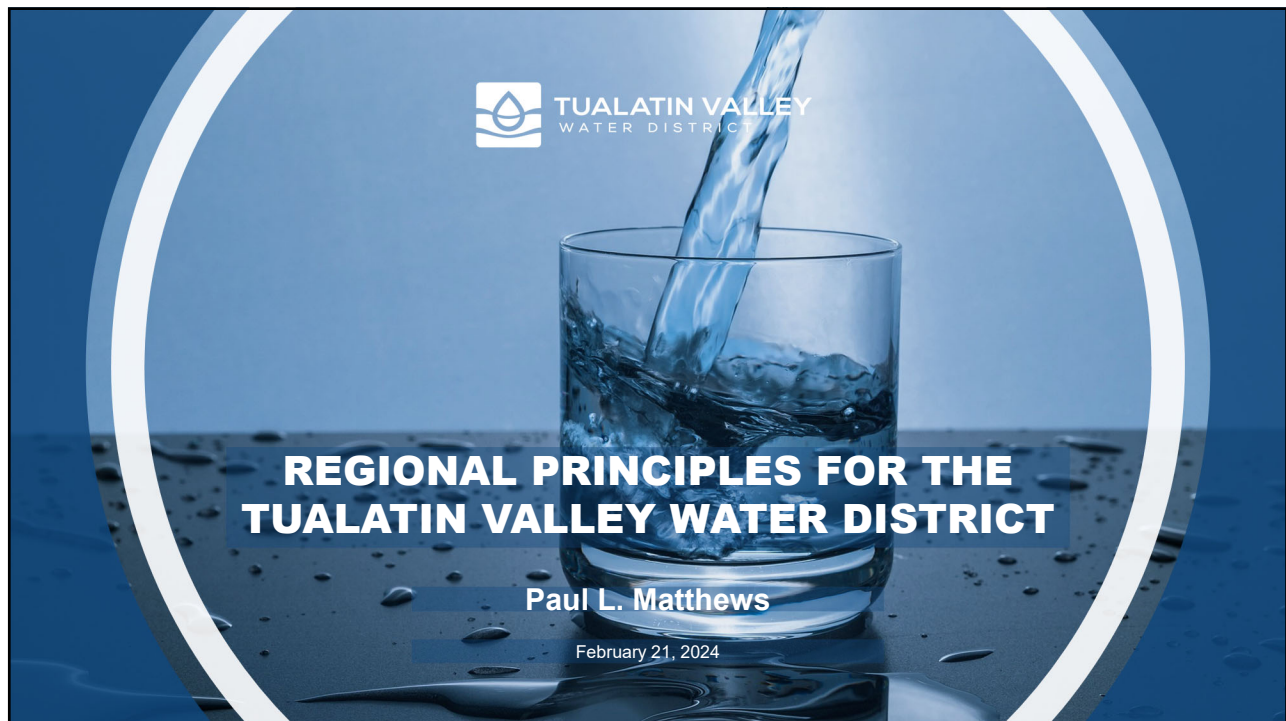
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## **CONSENT AGENDA**

- A. Approve the January 17, 2024, regular meeting minutes.
- B. Approve the February 6, 2024, work session meeting minutes.
- C. Willamette Water Supply System grant technical correction.



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## TONIGHT'S PROPOSED ACTION

### Overview of Presentation

- Review the goals and objectives
- Share the proposed Regional Principles themselves
- Highlight the proposed resolution



#### Tualatin Valley Water District's Regional Principles

##### TVWD is committed to:

- The preservation of public health and safety
- The stewardship of a resilient and reliable water system
- The highest standards of quality and professionalism

##### Our regional commitments:

1. TVWD is committed to equitable, fair, mutually beneficial, and meaningful partnerships that respect current jurisdictional boundaries.
2. TVWD is committed to transparency among all interested entities. As a public agency, TVWD's actions are a matter of public record.
3. TVWD is committed to providing mutual aid to neighboring public agencies. Mutual aid might include:
  - a. Reciprocal arrangement for water and/or other services.
  - b. Fee-based services.
  - c. Other arrangements where appropriate.
4. TVWD will endeavor to respond to a request for assistance in a timely manner in accordance with the highest professional standards.
5. Threshold criteria for partnerships include:
  - a. Is the request consistent with TVWD's mission, vision, and values?
  - b. Does the request serve the best interest of TVWD's customers to build and maintain reciprocal relationships with neighboring utilities?
  - c. Does TVWD have the resources, expertise, equipment, system capacity, etc., to meet the request in a cost-effective manner?
  - d. Is TVWD in the best position to provide the services requested?



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## PURPOSE OF THE REGIONAL PRINCIPLES

### Goals and Objective

- Improve relationships with regional stakeholders by communicating TVWD's principles on how it will support neighboring utilities.
- Improve the District's ability to react to regional needs in a timely manner.
- Further prepare the District for its evolving regional role.



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## THREE ELEMENTS TO REGIONAL PRINCIPLES

### TVWD's Commitments

- Enterprise-level commitments

### Regional Commitments

- What our potential partners can expect

### Threshold Criteria for Partnerships

- How we will evaluate potential partnerships

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## ENTERPRISE-LEVEL COMMITMENTS

TVWD is Committed to:

- The preservation of public health and safety
- The stewardship of a resilient and reliable water system
- The highest standards of quality and professionalism

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## WHAT OUR PARTNERS CAN EXPECT

### Our Regional Commitments

- TVWD is committed to equitable, fair, mutually beneficial, and meaningful partnerships that respect current jurisdictional boundaries.
- TVWD is committed to transparency among all interested entities. As a public agency, TVWD's actions are a matter of public record.
- TVWD is committed to providing mutual aid to neighboring public agencies. Mutual aid might include:
  - Reciprocal arrangement for water and/or other services.
  - Fee-based services.
  - Other arrangements where appropriate.
- TVWD will endeavor to respond to a request for assistance in a timely manner in accordance with the highest professional standards.

## EVALUATION OF POTENTIAL PARTNERSHIPS

### Threshold Criteria for Partnerships

- Is the request consistent with TVWD's mission, vision, and values?
- Does the request serve the best interest of TVWD's customers to build and maintain reciprocal relationships with neighboring utilities?
- Does TVWD have the resources, expertise, equipment, system capacity, etc., to meet the request in a cost-effective manner?
- Is TVWD in the best position to provide the services requested?

## PROPOSED RESOLUTION

### Highlights

- Recitals provide the context for the Board's decision
- Regional Principles included as an Exhibit to the resolution
- CEO is directed to align District's activities with the Regional Principles
- Future revisions require Board action

## STAFF RECOMMENDATION

Adopt Resolution No. 04-24, a resolution establishing Regional Principles for the Tualatin Valley Water District



**TUALATIN VALLEY**  
WATER DISTRICT

# Board Work Session Minutes

March 5, 2024

## WORK SESSION – 6:00 PM

### CALL TO ORDER

Commissioners Present: Jim Doane, PE; Jim Duggan, PE; Carl Fisher; Elliot Lisac, Todd Sanders, PhD

Staff Present: Paul Matthews, Chief Executive Officer; Clark Balfour, General Counsel; Justin Carlton, Chief Financial Officer; Pete Boone, PE, Chief Operating Officer; Dave Kraska, PE, Water Supply Program Director; Kylie Bayer, Human Resources Director; Andrew Carlstrom, Customer Service Director; Justin Dyke, Communications Director; Tim Boylan, IT Services Director; and Sam Kaufmann, District Recorder.

### ANNOUNCEMENTS

Paul Matthews presented the Chief Executive Officer announcements.

### DISCUSSION ITEMS

- A. Willamette Water Supply System Commission Update. *Staff Report – Dave Kraska, PE, Willamette Water Supply Program Director.*

Dave Kraska, PE, gave his update on the Willamette Water Supply System Commission.

- B. TVWD Water Supply Integration Planning. *Staff Report – Pete Boone, PE, Chief Operating Officer; Tara Vanderwey, Senior Water Quality Specialist.*

Pete Boone introduced the TVWD Water Supply Integration presentation. Tara Vanderwey gave her presentation on the TVWD Water Supply Integration plan.

Commissioner Lisac asked to see a map representing the number of customers within each project phase.

- C. TVWD Water Supply Integration Communications. *Staff Report – Justin Dyke, Communications Director*

Justin Dyke gave his presentation on the TVWD Water Supply Integration Communications plan.

Commissioner Doane asked staff to communicate the improvements the TVWD Willamette Water Supply System will provide to TVWD customers.

Commissioner Sanders asked staff to investigate customer feedback from the City of Wilsonville regarding the City's Willamette water supply.



**ADJOURNMENT**

There being no further business, President Sanders adjourned the meeting at 7:30 PM

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Todd Sanders, President

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Jim Doane, Secretary

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# CHIEF FINANCIAL OFFICER NAMED

## Process Highlights

- National search with attractive job announcement
- Received nearly 50 applications from across the country
- Narrowed the pool to 10 highly qualified prospects
- Panel from Leadership Team conducted phone interviews to narrow the pool to 3 candidates
- Conducted two-panel interviews to recommend finalist to the CEO
- CEO concurred with the panels' recommendations
- New CFO accepted the position and is now filling other vacancies within the Finance Department



# WIFIA LOAN UPDATE

- Final submittal for TVWD of eligible project costs (EPC) for the WWSP
- The District submitted 47 EPCs for both TVWD and the City of Hillsboro totaling \$629.3 million
- The District's total is \$387.7 million.
- The City of Hillsboro will reach their total loan value of \$250.5 million with EPC 48.



## CEO SCHEDULE UPDATE

- I am planning to attend AMWA's Water Policy Conference and meeting with legislators in Washington, D.C. during the week of March 18.
- During that time, Customer Service Director Andrew Carlstrom will serve as Acting in Capacity for the CEO.
- I will attend the March 20<sup>th</sup> regular meeting virtually.



## BOARD COMMUNICATIONS LOG

There were no updates to the Board Communications Log this month.



**Willamette Water Supply**  
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**Willamette Water Supply System Commission  
Update**

**TVWD Board Work Session  
March 5, 2024**

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**Outline**

**Review Draft April WWSS Commission  
Board Meeting Agenda** → **WWSP Construction Update**

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## REVIEW DRAFT APRIL WWSS COMMISSION BOARD MEETING AGENDA

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## Willamette Water Supply System Commission Draft April 4, 2024 Board Meeting Agenda

1. Public Comment
2. General Manager's Report
3. Consent Agenda
  - A. Approve the February 1, 2024 meeting minutes
  - B. Adopt Resolution WWSS-XX-24 for a Technical Correction to the Congressionally Directed Spending Grant
4. Business Agenda
  - A. Adopt Resolution WWSS-XX-24 for the Fiscal Year 2024-25 Annual Work Plan and Budget and for the Capital Improvement Plan (Baseline 9.1)
  - B. Approve WTP\_1.0 GMP No. 3 Contract for Construction
  - C. Approve Amendment for Permitting Services Contract for the Next One-year Period
  - D. Adopt Resolution WWSS-XX-24 for the WWSP Cost Shares Methodology
5. Information Items
  - A. Water Treatment Plant Schedule Recovery Progress Update
  - B. Planned June Business Agenda items
  - C. The next Regular Board Meeting scheduled on June 6, 2024 (in person)

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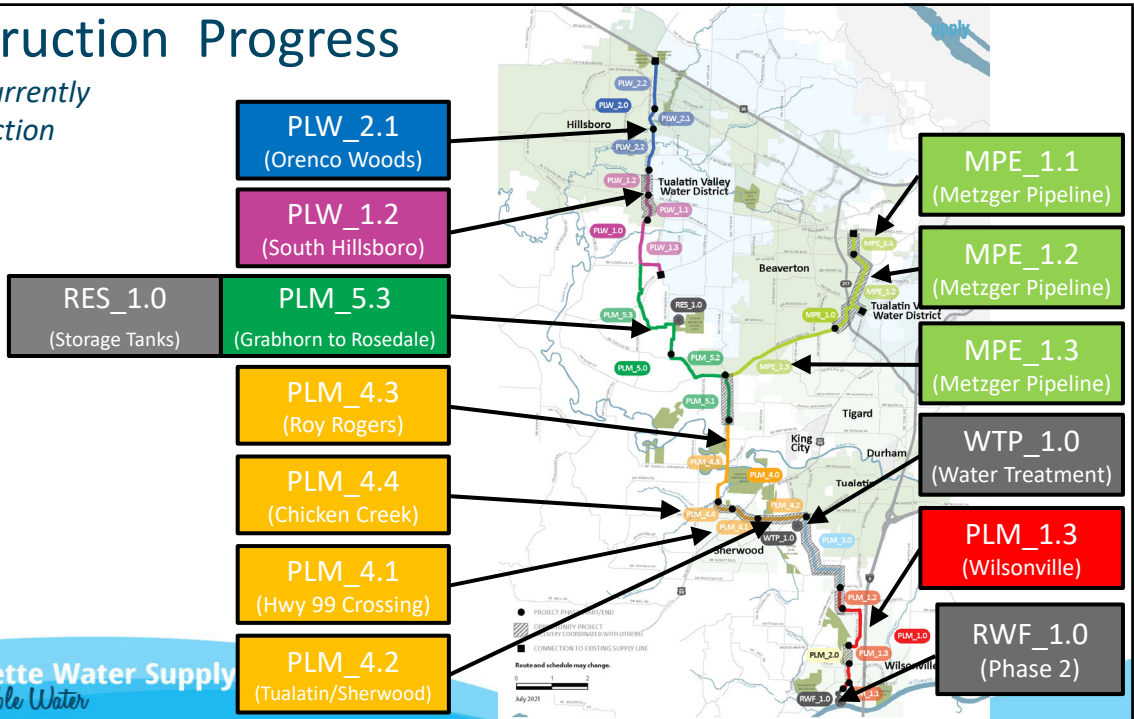
# WWSP CONSTRUCTION UPDATES

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## Construction Progress

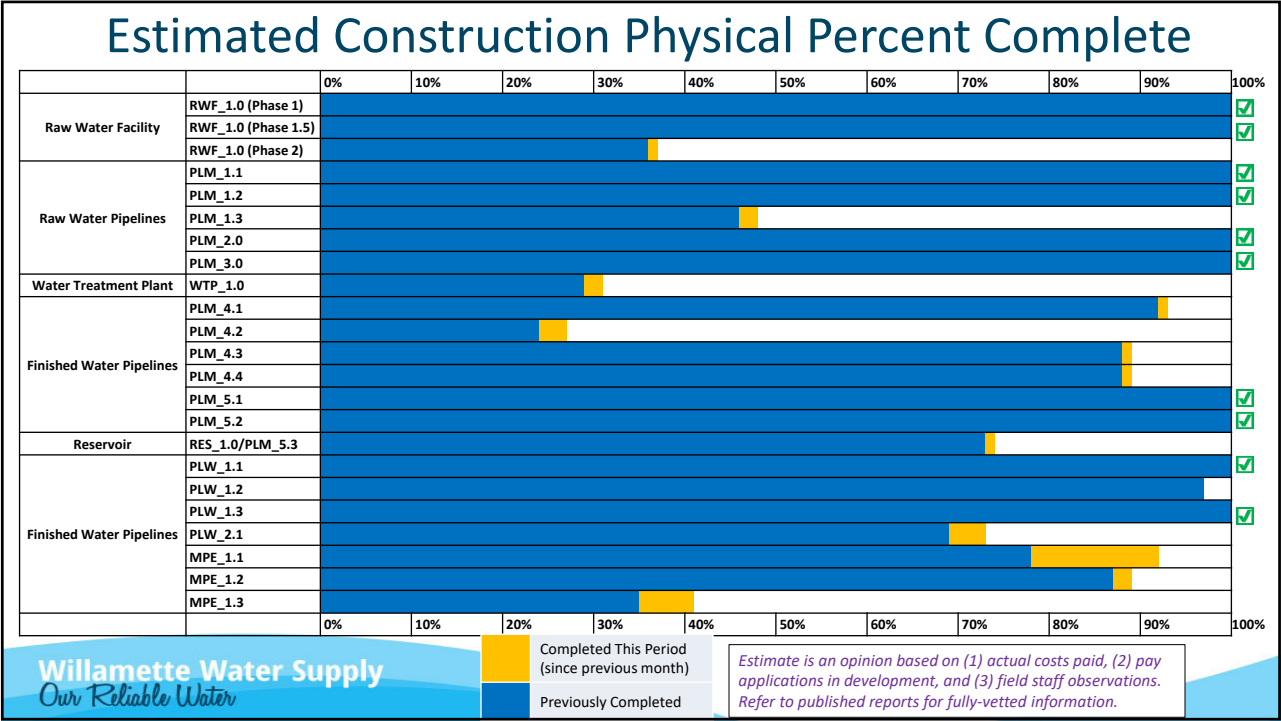
Projects currently  
in construction



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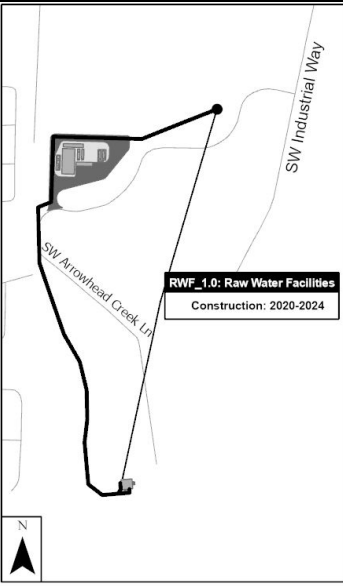
11


## RWF\_1.0 (GMP-2)

Contractor: Kiewit Infrastructure West Co.  
Designer: Black & Veatch

**Current and Planned Activities:**

- Exterior and interior HVAC systems
- Interior mechanical, electrical, and plumbing systems
- Interior painting, flooring, wall sheetrock, and ceilings
- Upper site perimeter wall – stone veneer and steel pickets.
- Main entrance gate posts and foundations
- New 24" piping at east side of RWPS (for two new pumps)
- PGE began 1.5 MW electrical feeder project





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## Construction Photos – RWF\_1.0 (GMP-2)



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## Construction Photos – RWF\_1.0 (GMP-2)

PGE contractor installing  
conduit for new electrical  
service



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## Construction Photos – RWF\_GMP-2.0

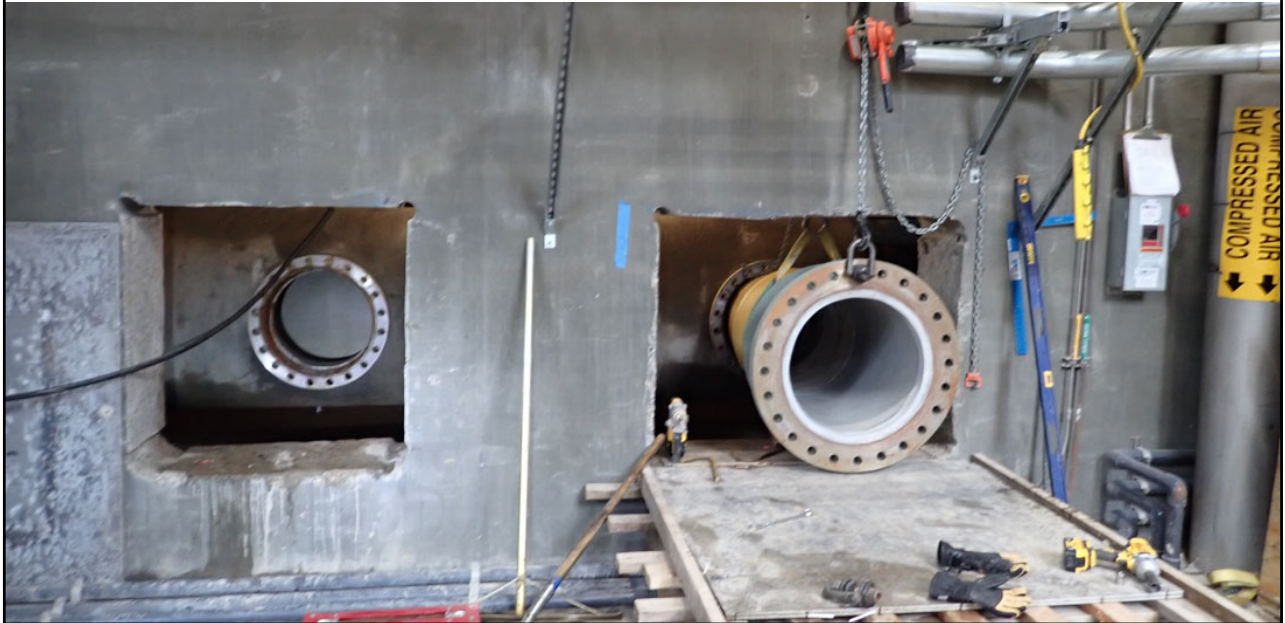
New electrical gear installations at interior of USEB



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## Construction Photos – RWF\_GMP-2.0



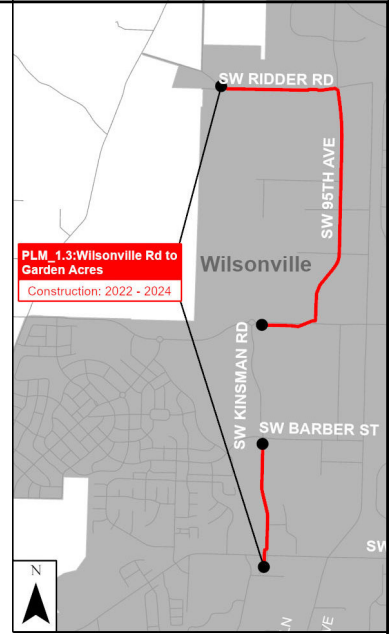
16

# PLM\_1.3

Contractor: Moore Excavation Inc.  
Designer: HDR

## Current and Planned Activities:

- Completed temporary paving on 95<sup>th</sup> Ave to allow 2-way traffic
- Completed tunneling casing under railroad tracks at Boeckman Rd. (270 LF trenchless crossing)
- Approximately 7,280 LF of 66" waterline installed (59% of total)
- Installed cathodic protection and appurtenances on Kinsman Rd.
- Began tree clearing for City of Wilsonville road projects (Schedule B)



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# Construction Photos - PLM\_1.3

Tunneling head breaking out at receiving shaft at corner of SW Boeckman Rd. and SW 95<sup>th</sup> Ave.



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02/20/2024 14:00

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## Construction Photos - PLM\_1.3

Tree clearing on Kinsman Rd. in advance of turn lane construction for City of Wilsonville.



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## Construction Photos - PLM\_1.3

Type II CARV vault installation on Kinsman Rd.



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# Construction Photos - PLM\_1.3

Temporary asphalt paving on SW 95<sup>th</sup> Ave.



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02/05/2024 11:32

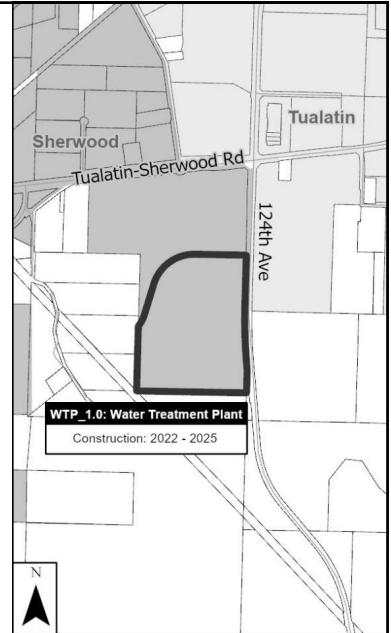
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# WTP\_1.0

Contractor: Sundt Construction, Inc.  
Designer: CDM Smith

### Current and Planned Activities:

- Area 03 (Site Work): 66" RAW and 66" ARW pipe continues.
- Area 08 (Admin Building): Under-slab pipe and electrical.
- Area 22 (Flash Mix): Continued concrete walls.
- Area 25 (Ozone Generation): Under-slab piping and electrical.
- Area 26 (Ozone Contactor) Under-slab piping and electrical.
- Area 28 (Filters): Building upper gullet walls.
- Area 30 (UV): Structural steel framing and roof decking.
- Area 34 (Chemical Building): Installing chemical-resistant coatings on tank pads.
- Area 35 (Clearwell): Constructing shoring for roof slab construction.
- Area 37 (EQ basin): Slide gate testing and exterior wall damp-proofing.
- Area 40 (Thickeners): Installing 24" TKD piping.
- Area 52 (Thickened Sludge PS): Placed elevated concrete slab.
- Area 53 (FWPS): Continue backfilling exterior in coordination with yard piping.



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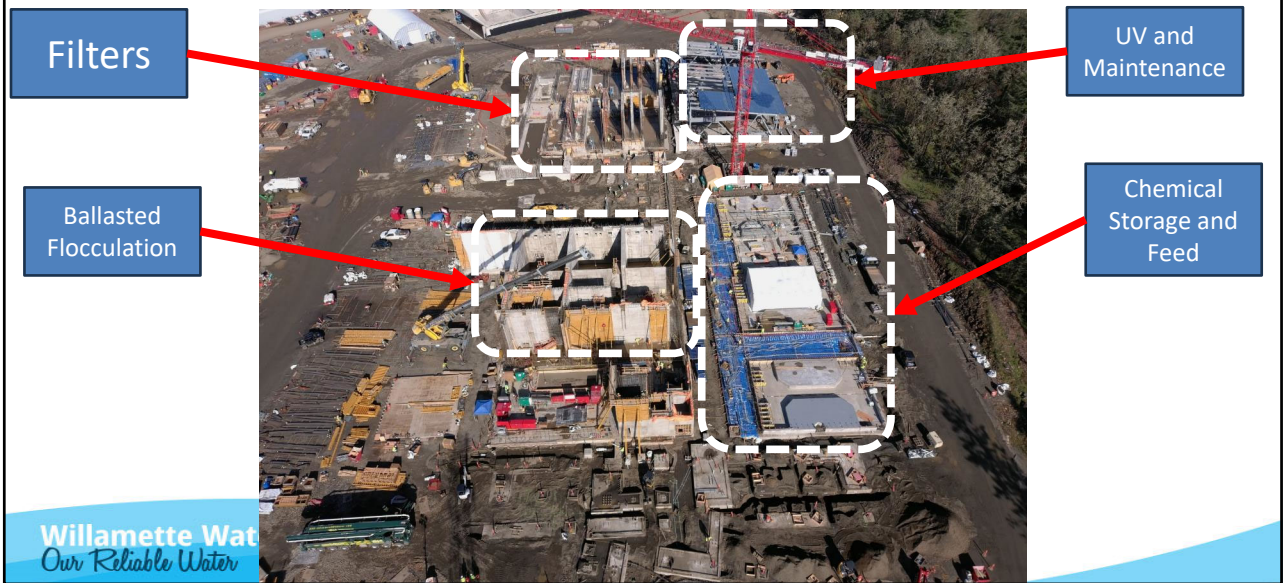
22

## Construction Photos - WTP\_1.0



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## Construction Photos - WTP\_1.0



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## Construction Photos - WTP\_1.0

Solids process area – Gravity Thickeners and Thickened Sludge Pump Station



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## Construction Photos - WTP 1.0



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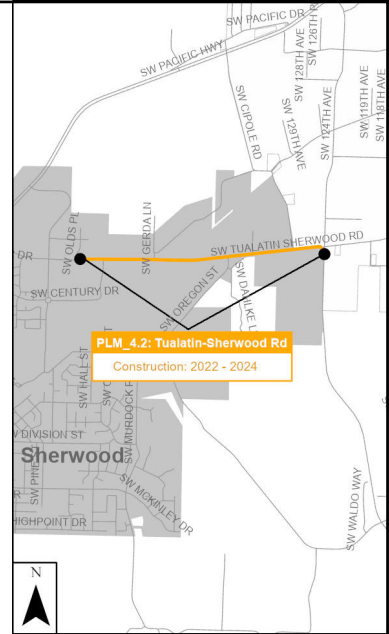
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# PLM\_4.2

Partner: Washington County  
Contractor: Kerr/Emery JV  
Designer: Brown & Caldwell

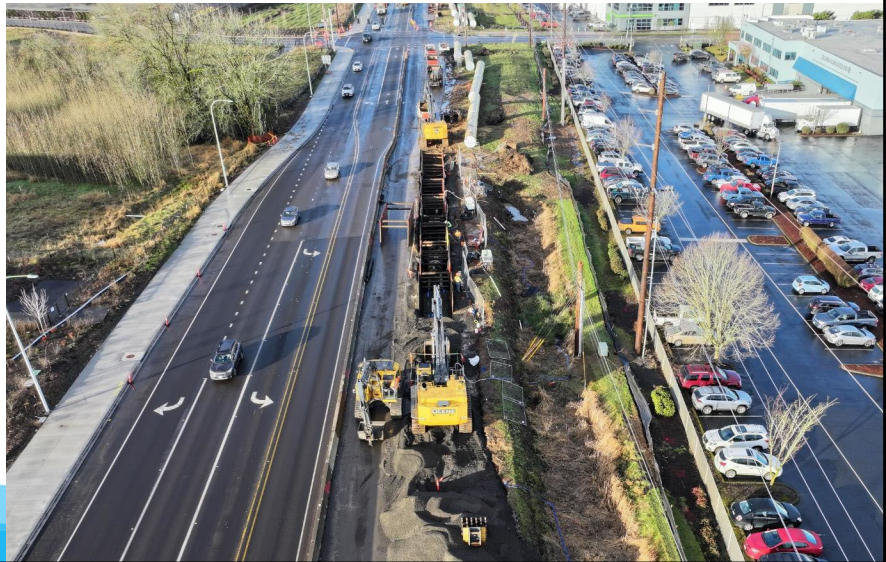
## Current and Planned Activities:

- Completed 66-inch carrier pipe installation and annular space grouting at 124<sup>th</sup> Ave trenchless crossing.
- 66-inch open cut waterline installation continues on north side of Tualatin-Sherwood Rd.
- 1,300 LF of pipe installed (18% of total)
- Relocated 12" City of Sherwood water main at Wildrose Pl.



# Construction Photos – PLM\_4.2

66-inch waterline installation along Tualatin-Sherwood Rd.



## Construction Photos – PLM\_4.2

Preparing for annular space grouting at receiving shaft of 124<sup>th</sup> Ave trenchless crossing



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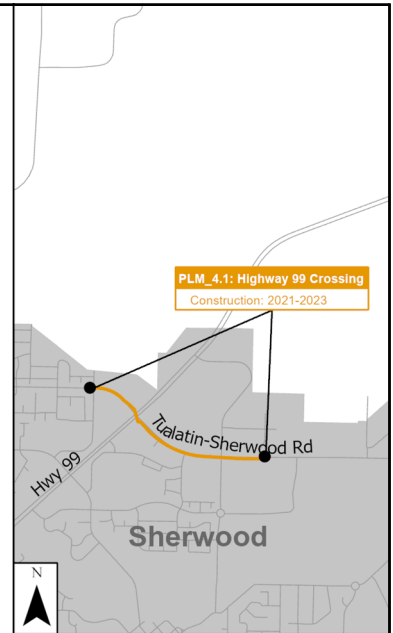
29

## PLM\_4.1

Partner: Washington County  
Contractor: Moore Excavation Inc.  
Designer: Brown & Caldwell

### Current and Planned Activities:

- Completed cathodic protection system installation and activation
- Began preliminary deficiency list corrective work
- Continued road-related scope for Washington County



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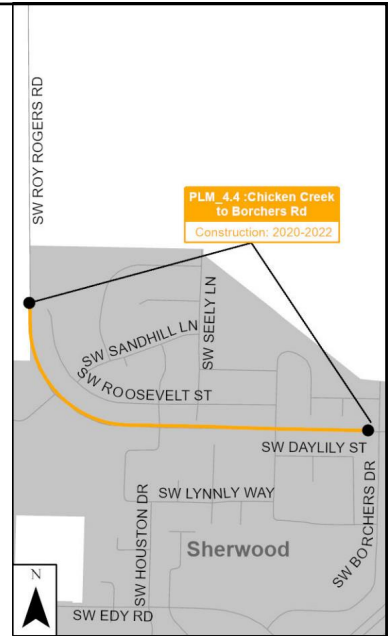


# PLM\_4.4

Partner: Washington County  
Contractor: Tapani Inc.  
Designer: Brown & Caldwell

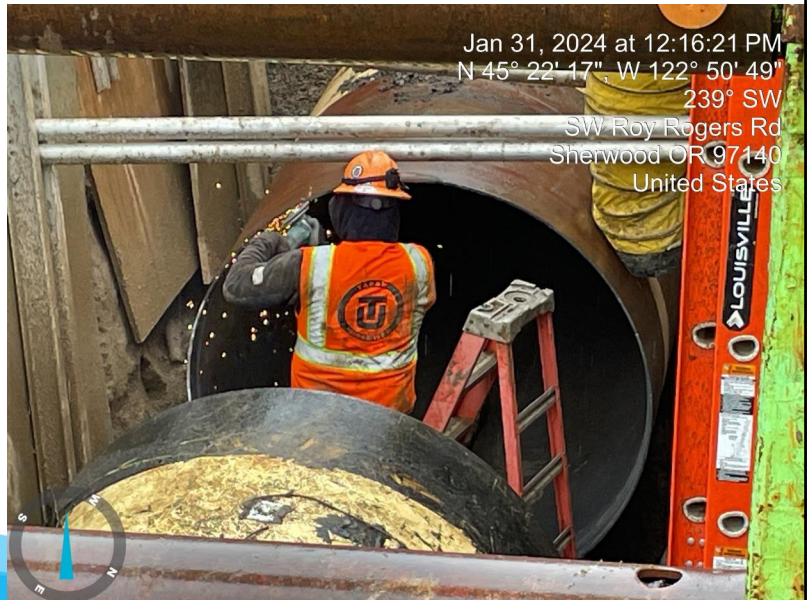
## Current and Planned Activities:

- Completed tie-in to PLM\_4.1
- Continued road-related work for Washington County
- Preparing to begin sewer forcemain work for CWS



# Construction Photos – PLM\_4.4

Preparing for connection of  
PLM\_4.1 to PLM\_4.4

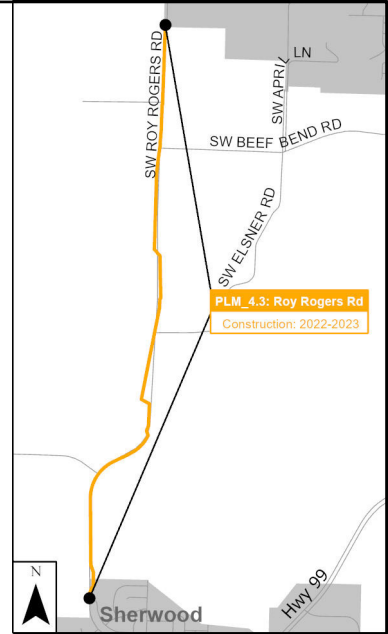


# PLM\_4.3

Contractor: Tapani Inc.  
Designer: Brown & Caldwell

## Current and Planned Activities:

- Completed open cut crossing of Roy Rogers Rd. (24-hour operation during weekend road closure)
- Continue installing 66-inch waterline on west side of Roy Rogers Rd. toward Tualatin River launch shaft
- Approximately 12,300 LF of pipe installed (93% of total)



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# Construction Photos – PLM\_4.3

66" waterline installation  
across Roy Rogers Rd.  
(weekend road closure)



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## Construction Photos – PLM\_4.3

Anode installation for cathodic protection system



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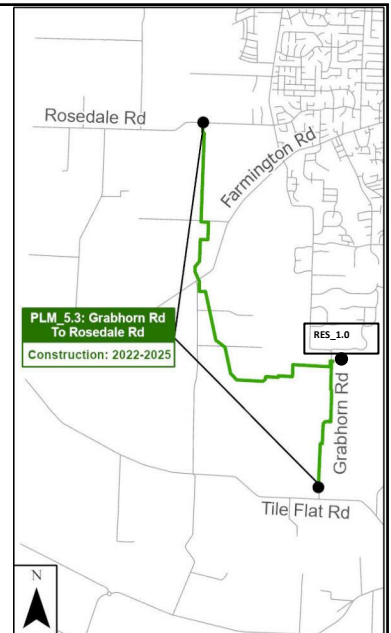
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## RES\_1.0 / PLM\_5.3

Contractor: Hoffman-Fowler JV  
Designer: Black & Veatch / Jacobs

Current and Planned Activities:

- RES\_1.0
  - Mobilization of DN Tanks to begin prestressing operation
  - Reservoir roof concrete complete; removing falsework
  - Meter vault and valve vault mechanical work
  - Continued electrical duct bank and yard piping installation
  - Continued roof construction on Water Quality Building
- PLM\_5.3
  - Completed tie-in to PLM\_5.2
  - Continued appurtenance installations
  - Continued easement restoration in multiple locations



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## Construction Photos – RES\_1.0

Reservoir site



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## Construction Photos – RES\_1.0

Reservoir concrete roof installation complete. Water Quality Bldg. under construction



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# Construction Photos – PLM\_5.3

Topsoil replacement and restoration at Farmington Gardens property



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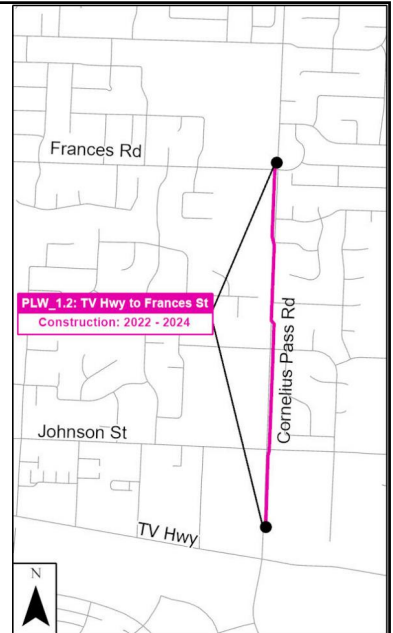
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# PLW\_1.2

Partner: Washington County  
Contractor: Tapani, Inc.  
Designer: Kennedy/Jenks

## Current and Planned Activities:

- Final restoration of Reedville Creek Park
- Deficiency list items
- Closeout



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## Construction Photos – PLW\_1.2

Final site restoration at Reedville Creek Park



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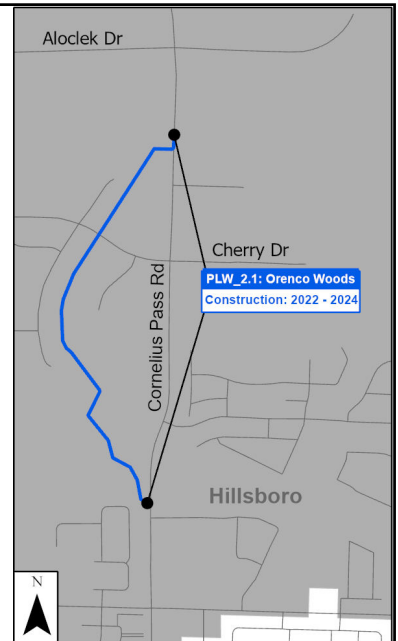
41

## PLW\_2.1

Contractor: Moore Excavation, Inc.  
Designer: Kennedy/Jenks

### Current and Planned Activities:

- Completed 48" waterline installation
- Continued appurtenance and precast vault installation
- Began cathodic protection system installation
- Preparing for interior cleaning and joint grouting



Willamette Water Supply  
Our Reliable Water

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## Construction Photos – PLW\_2.1

Final piece of 48" waterline installation at north end of alignment in Cornelius Pass Rd.



Willamette Water Supply  
Our Reliable Water

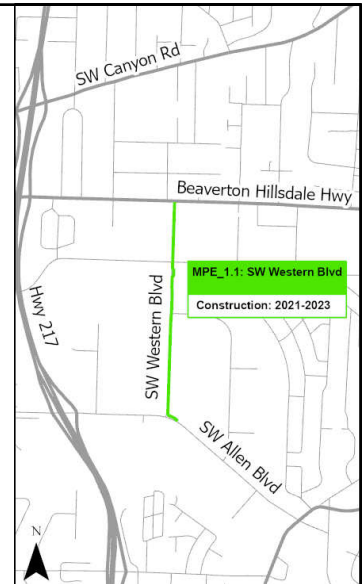
43

## MPE\_1.1

Partner: City of Beaverton  
Contractor: Moore Excavation Inc.  
Designer: Brown & Caldwell

### Current and Planned Activities:

- Installed new 48-inch waterline and connected to existing 54-inch WCSL at Beaverton-Hillsdale Hwy. and Western Ave.
- Installed two new butterfly valves and pressure tested
- Began tie-in work at Beaverton-Hillsdale Hwy. and 96<sup>th</sup> Ave. with new 48-inch pipe and butterfly valve.



Willamette Water Supply  
Our Reliable Water

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## Construction Photos – MPE\_1.1

Cut-in to WCSL at 96<sup>th</sup> Ave. and  
Beaverton-Hillsdale Hwy.



Willamette Water Supply  
*Our Reliable Water*

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## Construction Photos – MPE\_1.1

Cut-in to WCSL at Western Ave.  
and Beaverton-Hillsdale Hwy.



Willamette Water Supply  
*Our Reliable Water*

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# MPE\_1.2

Contractor: Emery & Sons  
Designer: Brown & Caldwell

### Current and Planned Activities:

- Completed first trenchless crossing at Upper Fanno Creek, began second trenchless drive
- Continued PFC building mechanical, HVAC, electrical
- Connections to existing 24" and 16" waterlines on Oleson Rd.
- 48-inch open cut waterline installation on Scholls Ferry Rd. near Allen Blvd.



# Construction Photos – MPE\_1.2

Upper Fanno Creek trenchless crossing site

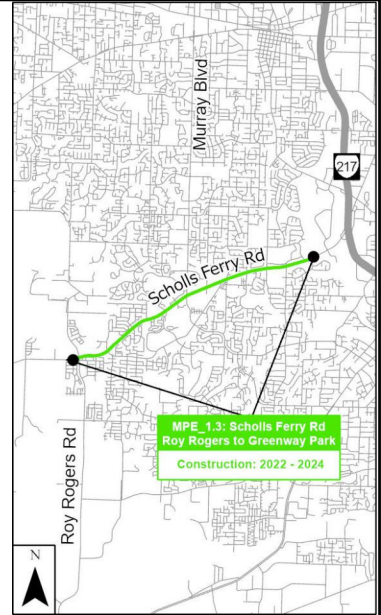


# MPE\_1.3

Contractor: Emery & Sons  
Designer: Brown & Caldwell

### Current and Planned Activities:

- 48" waterline installation on Scholls Ferry Rd.
  - Heading west near 135<sup>th</sup> Ave. (night work)
  - Heading east near Roy Rogers Rd. (day work)
- Barrows Rd. Sewer Relocation
- Roy Rogers Road Turnout Vault
- PGE relocations



# Construction Photos – MPE\_1.3

48-inch waterline installation on Scholls Ferry Rd. near Roy Rogers Rd. (daytime crew)



## Construction Photos – MPE\_1.3

48-inch waterline  
installation on Scholls  
Ferry Rd. near Davies Rd.  
(nighttime crew)



Willamette Water Supply  
*Our Reliable Water*

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## QUESTIONS?

Willamette Water Supply  
*Our Reliable Water*

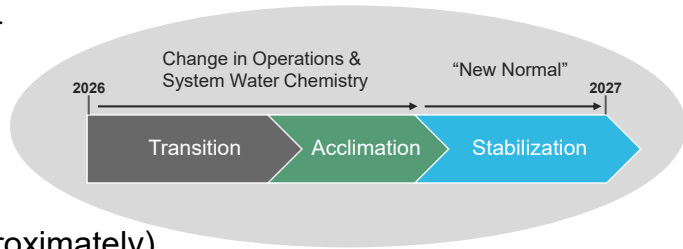
52



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## WHAT IS WATER SUPPLY INTEGRATION (WSI)?

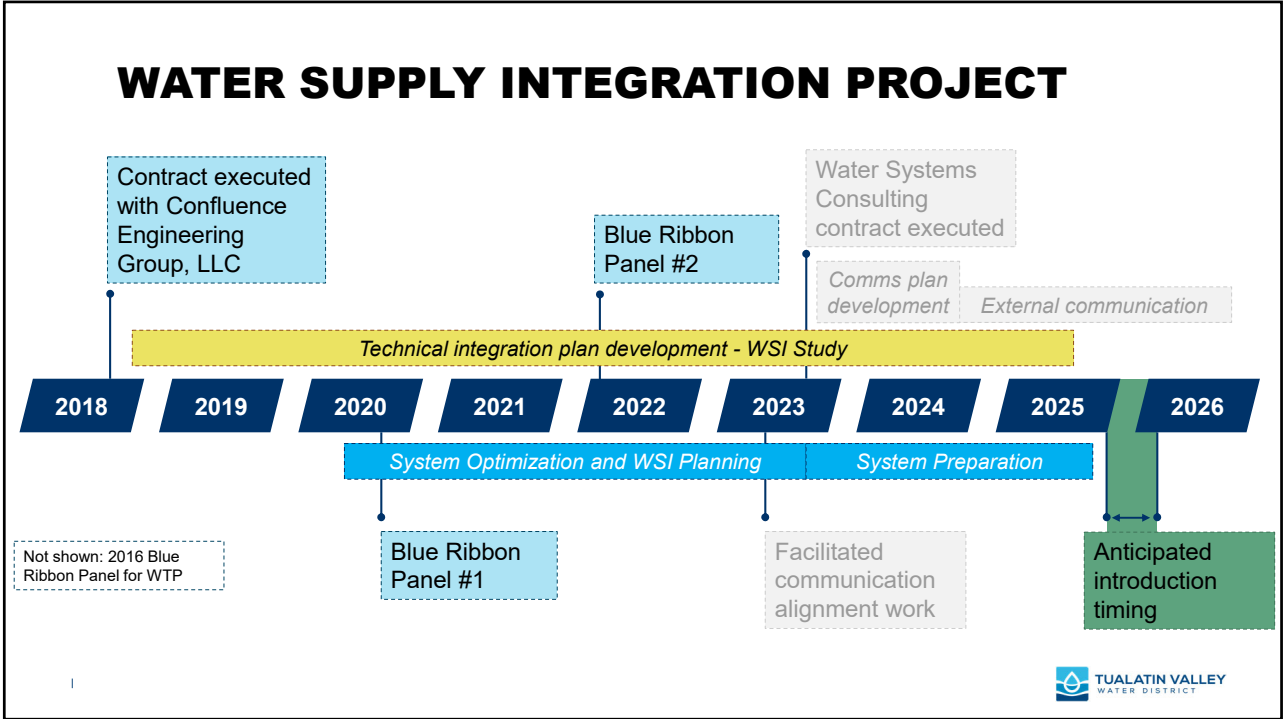
- WSI is the operational and water chemistry process of integrating the WWSS source into the TVWD distribution system



- WSI is a year long process (approximately)
- WSI is not Commissioning and Start Up (CSU)
- WSI will affect all partners – TVWD/COH/COB – biggest change is for TVWD

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## CHANGING SUPPLY AND OPERATIONS IS A RISK

A new source is a major adjustment for any system

- **If it goes poorly:**
  - » Dirty water over several months
  - » Thousands of customer calls
  - » Unfavorable media coverage
  - » Tarnished reputation and trust
- **We won't let it go poorly:**
  - » 6 years of WSI planning (so far)
  - » We understand our system and risks involved
  - » Perception of Willamette raises the bar on preparation and communication




TUALATIN VALLEY WATER DISTRICT

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# WHAT ARE WE DOING ABOUT IT?

- **Developed WSI Plan**
  - » Integration “playbook”
  - » Operationally focused
- **Framework for WSI Plan**
  - » WSI Study recommendations
  - » Blue Ribbon Panel findings
  - » Commissioning and Startup Plan
- **Other considerations**
  - » Contractual obligations
  - » Adaptability and flexibility
  - » Industry best practices

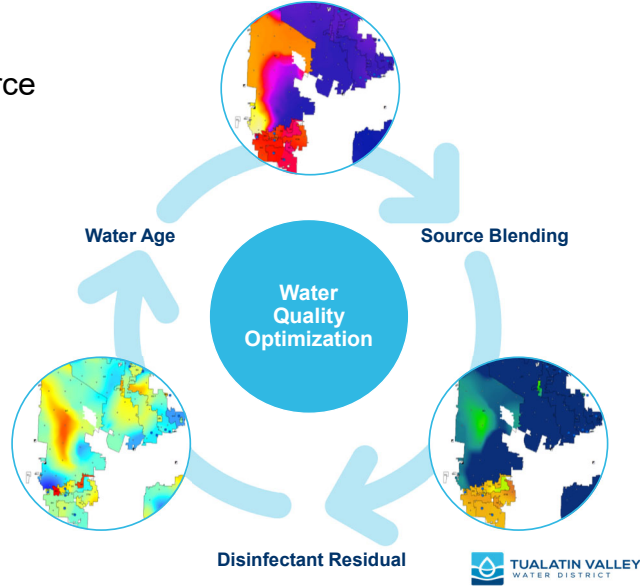


# WSI Plan Development



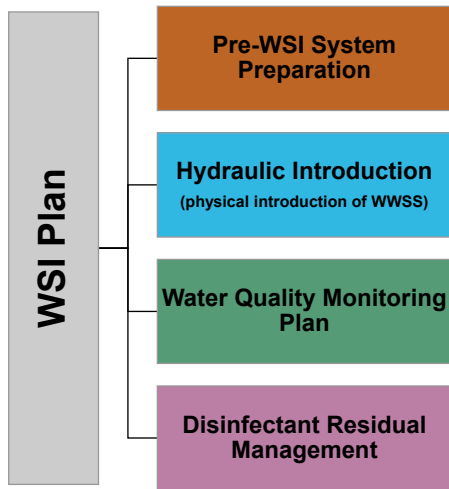
# WATER QUALITY OPTIMIZATION TASKFORCE

- Foundational work for developing approach to integration of new source
- Real-world data and modeling supported what we knew about the system
- Provided new insights into system dynamics
- Removed silos and promoted collaboration among staff



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# WSI INTRO PLAN COMPONENTS

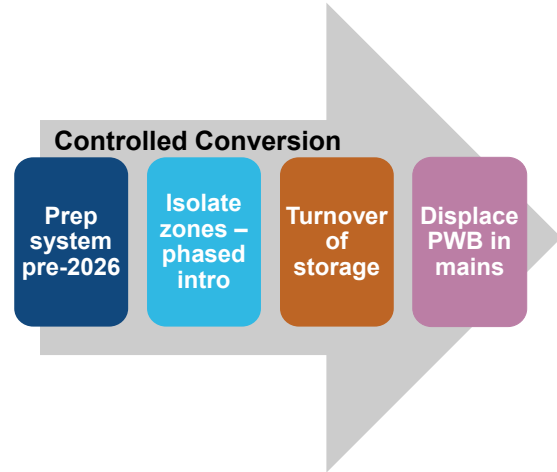


- Goal is risk reduction
- Plan development 75% complete and written draft is in progress
- Contingencies and mitigations for Hydraulic Introduction in development
- Elements of WSI Plan already underway, additional elements will be implemented Q4 2024

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# INTEGRATION STRATEGY IN A NUTSHELL

- **Chloramine Conversion**
  - » Stepwise conversion of system to WWSS/JWC by displacement of PWB
- **Practical conversion approach – tank characteristics determine turnover process**
  - » Empty and fill tanks or keep online and discharge to storm
- **Goal: Rapid and Controlled Conversion**
  - » Minimize magnitude and duration of water quality issues

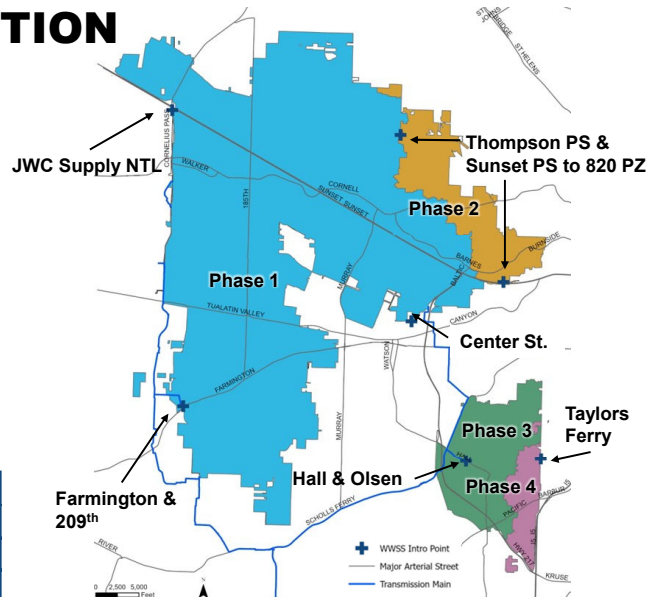


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# 2026 WWSS INTRODUCTION

- **Introduction Approach:**
  - » Phased conversion of system
  - » Leverage JWC supply and maximize utilization of WWSS source
  - » TVWD “off” PWB source before PWB contract ends
- **Start date dependent on CSU Plan**

WWSS Introduction Schedule			
Phase	Location	Early Start	Late Start
1	Valley Floor	January	March
2	West Hills	February	April
3	Metzger 426 PZ	March	May
4	Metzger 498 PZ	April	June



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## **SUCCESSFUL INTEGRATION IS PRIORITY #1 FOR TVWD – MISSION CRITICAL!**

- Phased introduction allows TVWD to maintain current level of service during WSI
- WSI projects require staff and prioritization of work
- Goal is a well informed and positive customer experience!



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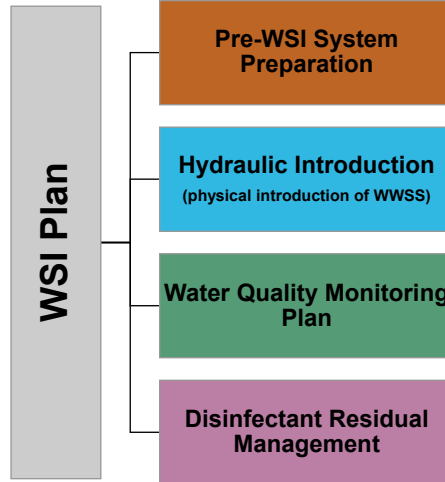


## **Application of WSI Plan Pre-2026**

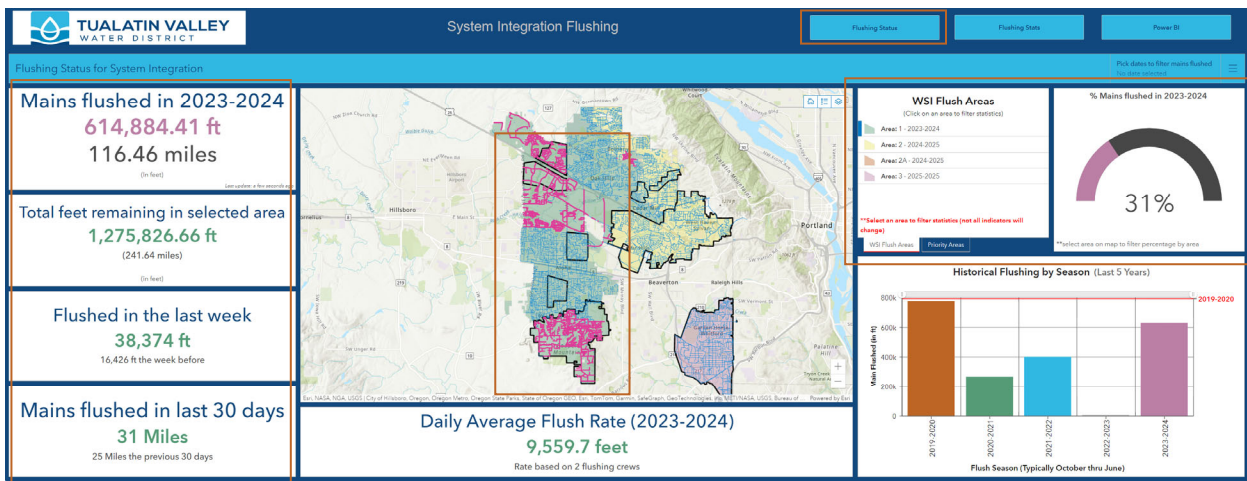


# ELEMENTS OF WSI PLAN ALREADY UNDERWAY

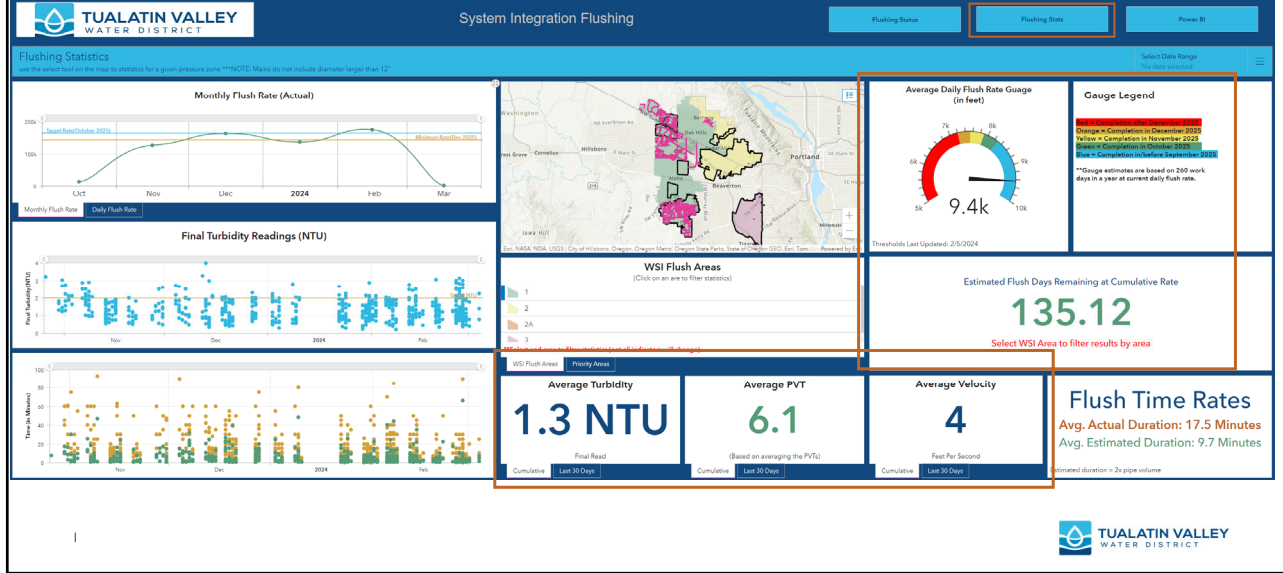
- **Flush entire TVWD system pre-WSI**
  - ✓ On track to be complete Q4 2025 (Sept.)
  - ✓ GIS integrated dashboard tool developed
- **Reservoir discharge SOPs to support WSI**
  - ✓ On track to be complete Q4 2024
- **SCADA upgrades to support WQ data needs**
  - ✓ On track to be complete Q3 2024
- **Disinfectant Residual Management Plan nearly complete**
  - ✓ On track for draft by Q3 2024
  - ✓ Strategies and mitigations identified



# TVWD FLUSHING DASHBOARD TOOL

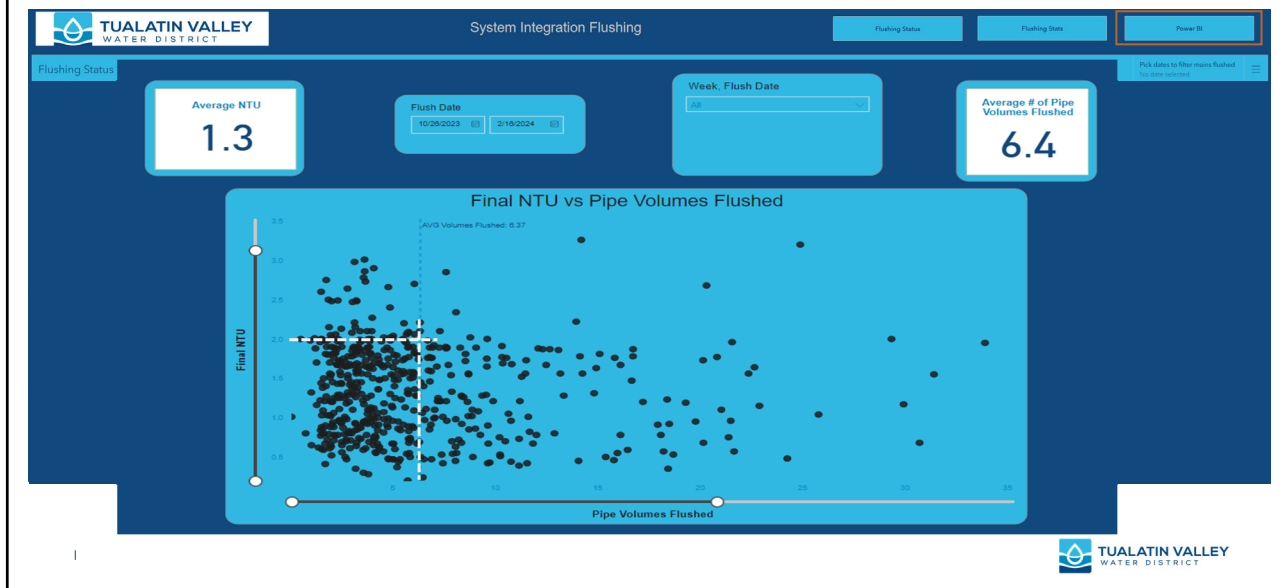


# TVWD FLUSHING DASHBOARD TOOL



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# TVWD FLUSHING DASHBOARD TOOL



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# WSI TASKS FOR 2024-2025

- **Practice runs to test planned operational scenarios**
  - » Q2 2024 – re-start of WCSL connection with PWB
  - » Further validation of our models
- **Implementation of systemwide Water Quality Monitoring Plan**
  - » Q2 2024 – pipe tap coupon collection
  - » Q4 2024 – begin baseline WQ monitoring
- **Execute system prep activities**
  - » Continue flushing, tank cleaning/divers



 An aerial photograph of a river flowing through a dense forest. The sun is low on the horizon, creating a golden glow and long shadows across the landscape. The water reflects the light from the sky.
 

## WATER SUPPLY INTEGRATION COMMUNICATIONS

Justin Dyke  
March 5, 2024

 The logo for Tualatin Valley Water District, featuring a stylized blue water drop icon to the left of the text "TUALATIN VALLEY WATER DISTRICT".

# (RE)INTRODUCING OUR TEAM



**Justin Dyke**  
**Communications Manager**



**Frank Reed**  
**Communications Coordinator**



**New Person**  
**Starting soon!**



# Priorities to Support Integration



# COMMUNICATION OBJECTIVES



## 1 GROUNDWORK

Prepare for integration across all platforms



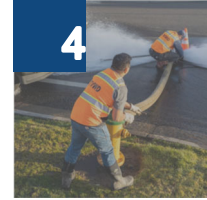
## 2 PERCEPTION

Increase positive impressions



## 3 VISIBILITY

Build awareness of efforts to serve our customers

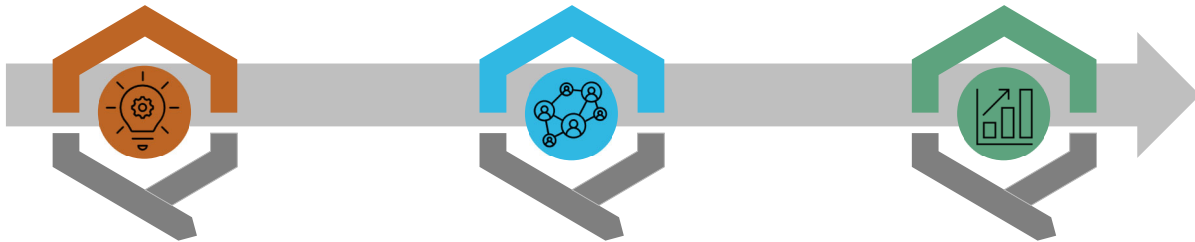


## 4 MESSAGE

Summer 2024 pre-WSI communication



# SUMMER 2024 TVWD CAMPAIGN



## Campaign Planning: Q2

- » Set theme, strategy, effectiveness measurement
- » Test and promote key messages

## Go Live Timing: Q3-Q4

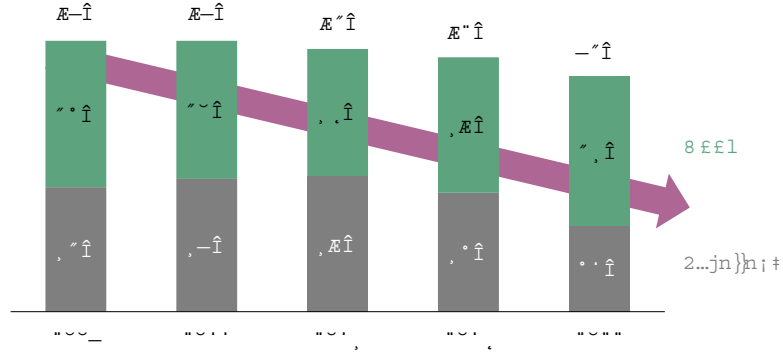
- » Paid/sponsored social media campaigns
- » Traditional advertising or streaming services

## Track & Share: Q4 and Beyond

- » Benchmark data for WSI
- » Improve customer impressions ahead of WSI



# SLIDING CUSTOMER IMPRESSIONS



Data gathered from DHM Research for Customer Satisfaction Surveys



# Water Supply Ingratiation Communications



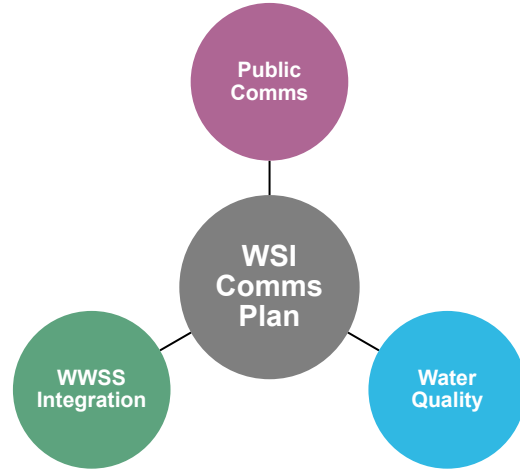
# INTEGRATION COMMS CORE TEAM

## Daily project management

- Managed by WWSP staff
- TVWD engaged in all activities
- Coordination with technical groups

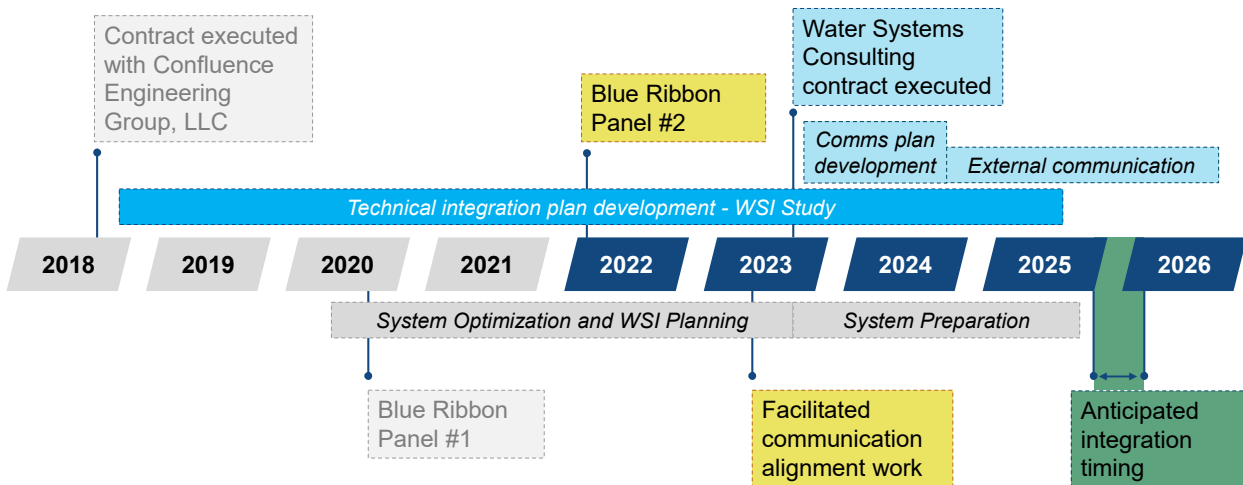
## Expanded expertise

- Communications and water quality staff from three partners
- Consultation Water System Consulting and Confluence Engineering
- Guidance of Leadership Team



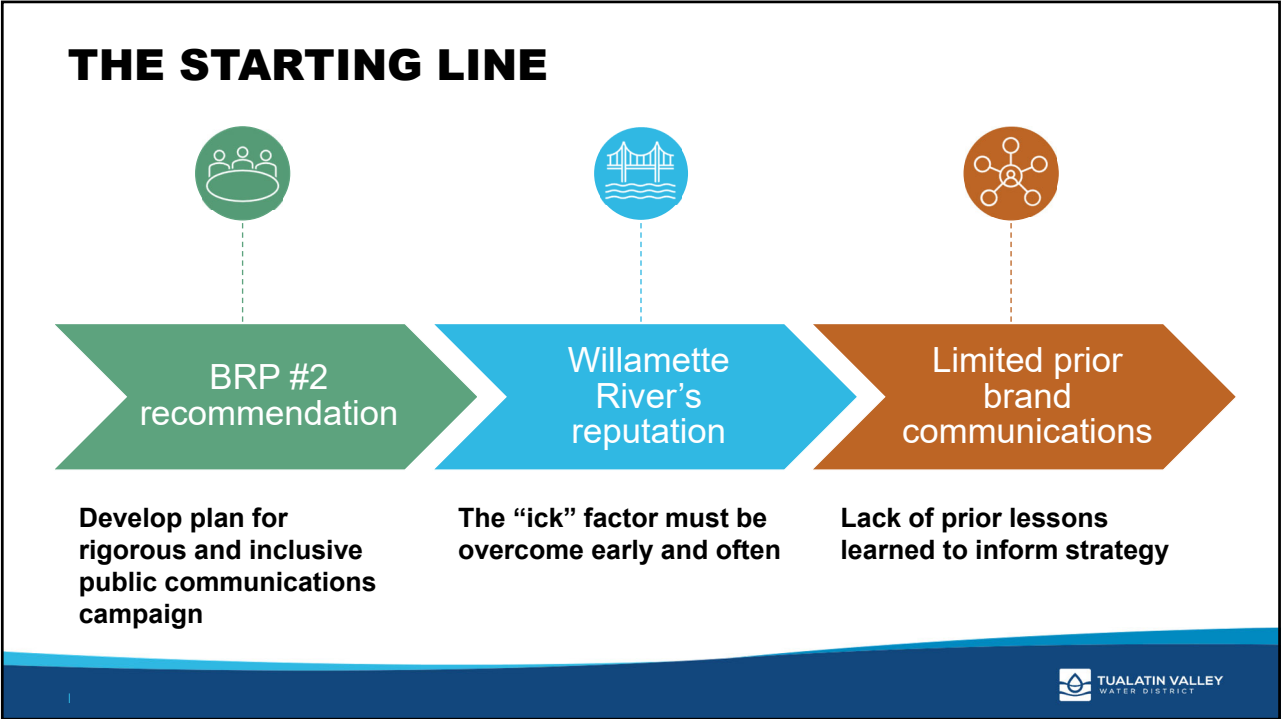
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# WATER SUPPLY INTEGRATION PROJECT

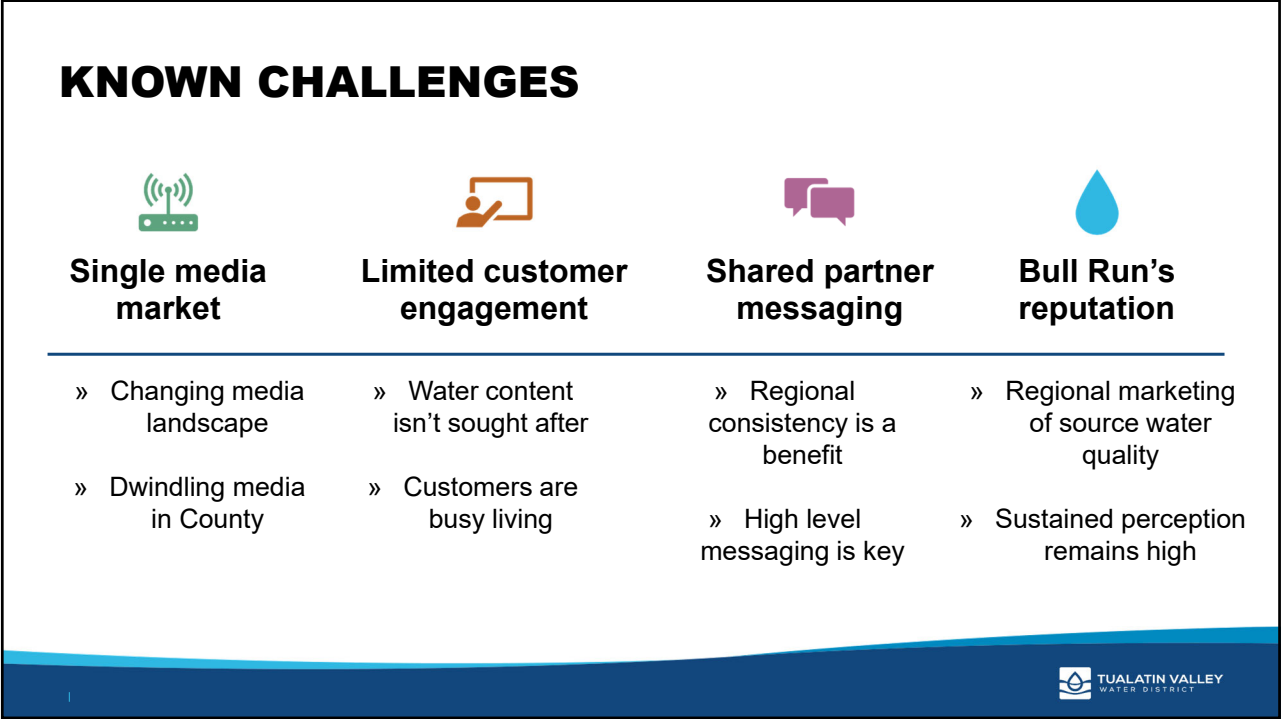


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# INTEGRATION COMMUNICATIONS GOALS



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# VALUE OF RESEARCH

*Phone survey and focus groups will drive campaign planning*

- Messaging meets customers where they are through tools, tactics, and languages
- Campaign materials based on known reactions and responses
- Emphasis on what our customers value



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# INTEGRATION CURRENT TASK ORDER

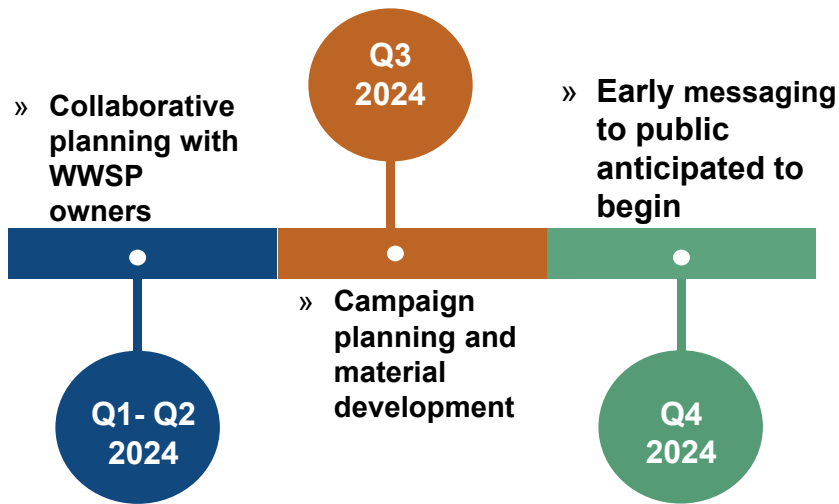


This is a regional partnership approach – TVWD, Hillsboro, and Beaverton



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# TIMING IS EVERYTHING



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# **SUCCESSFUL INTEGRATION IS PRIORITY #1 FOR TVWD – MISSION CRITICAL!**

- Coordination among partners creates shared success
- WSI projects require staff prioritization of work
- Goal is a well informed and positive customer experience!



# **FEEDBACK, QUESTIONS & DISCUSSION**





# TUALATIN VALLEY WATER DISTRICT

**Date:** March 20, 2024  
**To:** Board of Commissioners  
**From:** Sam Kaufmann, District Recorder  
**Subject:** Reschedule June 2024 Regular Board Meeting

**Requested Board Action:**

Consider adopting a resolution rescheduling the June 19, 2024 Board of Commissioners meeting.

**Key Concepts:**

- The Tualatin Valley Water District observes the federal holiday of Juneteenth on June 19, 2024
- Staff recommends rescheduling the June 19, 2024 regular meeting to June 26, 2024

**Background:**

The Board of Commissioners annually sets its regular meeting calendar by resolution. Resolution 21-23 established regular monthly meeting dates of the Board of Commissioners on the third Wednesday of each month for the calendar year 2024. Juneteenth falls on the third Wednesday of June in 2024, therefore, a resolution is needed to reschedule the June meeting to the following week.

**Budget Impact:**

None

**Staff Contact Information:**

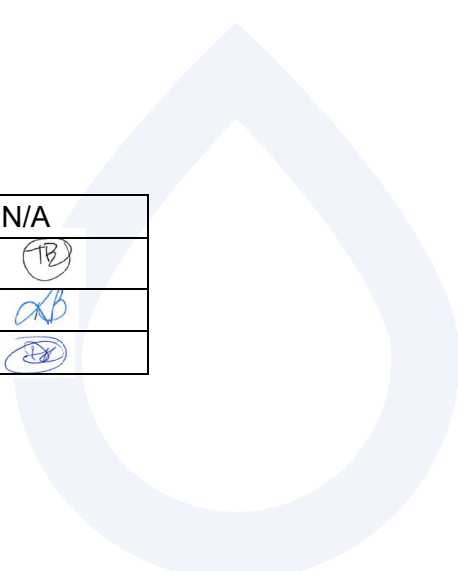
Sam Kaufmann; District Recorder; 503-848-3094; sam.kaufmann@tvwd.org

**Attachments:**

Proposed Resolution 05-24

**Leadership Team Initials:**

Chief Executive Officer	<i>SK</i>	Customer Service Manager	N/A
Chief Operating Officer	<i>PDB</i>	IT Services Director	<i>(TB)</i>
Chief Financial Officer	<i>JE</i>	Human Resources Director	<i>AB</i>
General Counsel	<i>CB</i>	Water Supply Program Director	<i>(SD)</i>
Communications Director	<i>SD</i>		





**TUALATIN VALLEY**  
WATER DISTRICT

## RESOLUTION NO. 05-24

A RESOLUTION RESCHEDULING THE JUNE 19, 2024 REGULAR BOARD OF COMMISSIONERS MEETING

WHEREAS, the Board of Commissioners annually sets its regular meeting calendar by resolution; and

WHEREAS, Resolution 21-23 established regular monthly meeting dates of the Board of Commissioners on the third Wednesday of each month for the calendar year 2024; and

WHEREAS, the Tualatin Valley Water District observes the federal holiday of Juneteenth on Wednesday, June 19, 2024.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE TUALATIN VALLEY WATER DISTRICT THAT:

Section 1: The Board of Commissioners hereby reschedules the June 19, 2024, Regular Board of Commissioners meeting to June 26, 2024.

Approved and adopted at a regular meeting held on the 20<sup>th</sup> day of March 2024.

---

Todd Sanders, President

---

Jim Doane, Secretary





# TUALATIN VALLEY

## WATER DISTRICT

**Date:** March 20, 2024  
**To:** Board of Commissioners  
**From:** Paul L. Matthews, Chief Executive Officer  
**Subject:** Resolution Establishing State and Federal Legislative Strategies

### **Requested Board Action:**

Adopt a resolution establishing the state and federal legislative strategies for the Tualatin Valley Water District.

### **Key Concepts:**

- The complexity of the District's business requires it to routinely interact with state and federal agencies and legislative bodies. These interactions include all aspects of the District's business; including but not limited to, matters related to financial assistance, regulatory compliance, natural resources, contracting etc.
- To best serve the District's customers' needs, staff proposes that the District align its intergovernmental relations efforts with local, state, and federal governments to provide a coherent strategy that maximizes the benefits to the District's customers.
- The legislative landscape typically requires the District to be agile in responding to legislative matters. By providing staff strategies to pursue, the District can react more quickly to the sometimes rapidly shifting demands of legislative and regulatory environments.
- The District is governed by a Board of Commissioners who collectively provide policy direction to staff. Board action to establish legislative strategies ensures the District is pursuing the policy direction as agreed to by its Board of Commissioners.

### **Background:**

At the February 6, 2024 Board Work Session, staff presented its proposed revised list of District initiatives to the Board of Commissioners. Among other priorities, that presentation included the establishment of Board-adopted federal and state legislative strategies.

At the work session, staff proposed modifying the District's legislative affairs approach from that which was proposed in the District's Adopted 2023-25 Biennial Budget. Specifically, under the proposed modified approach:

- The Board of Commissioners will establish legislative strategies that the District will pursue,
- The District will continue to use of outside lobbyist to pursue its legislative strategies instead of repurposing a staff position for legislative affairs, and
- Rather than repurposing the staff position, the District will maintain that staff position for public outreach efforts to support the water supply integration project and other important customer-facing communications initiatives.

Establishing these proposed federal and state legislative strategies also provides individual members of the Board of Commissioners with clear guidance for their support of the District’s legislative priorities. As a special district organized under Oregon Revised Statutes (ORS) 264, the District’s Board of Commissioners is required to act only in a properly noticed public meeting where a quorum is present. Formally establishing the legislative strategies does not change this requirement. However, by establishing these legislative strategies at a public meeting, individual Board Members agree to align their advocacy to support and reinforce the priorities of the District as promulgated by the entire Board.

At a future meeting of the Board of Commissioners, staff intends to propose changes to the Board’s Policy Manual that will identify a subcommittee of Board members. This Board subcommittee will coordinate with staff to advocate for the legislative strategies adopted by the Board. In essence, staff will propose the delegation of authority by the Board to a subcommittee of the Board, limited by the adopted strategies, that will increase the agility of the District’s legislative advocacy.

The proposed resolution includes two exhibits:

1. Exhibit A: 2024 Federal Legislative Strategy
2. Exhibit B: 2024 State Legislative Strategy

In addition to establishing the federal and state legislative strategies, the resolution also directs the CEO to “undertake those efforts that the CEO deems prudent to pursue these legislative strategies.” This explicit delegation of authority allows the District to react more quickly to the demands of the legislative and regulatory environments.

**Budget Impact:**

The cost of preparing this agenda item and pursuing the District’s proposed legislative strategy is included in the District’s Adopted 2023-25 Biennial Budget. However, specific activities to pursue the proposed strategies may not be within the District’s Adopted 2023-25 Biennial Budget. Staff will apprise the Board if specific activities are likely to have a material adverse impact on the District’s budget.

**Staff Contact Information:**

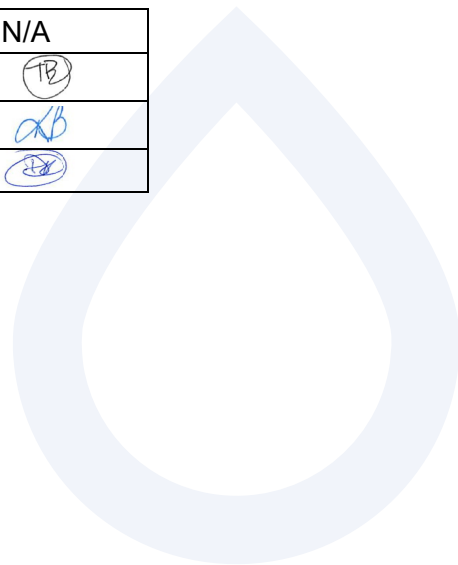
Paul L. Matthews; Chief Executive Officer; (503) 848-3017; [paul.matthews@twwd.org](mailto:paul.matthews@twwd.org)

**Attachments:**

Proposed resolution (including exhibits)

**Leadership Team Initials:**

Chief Executive Officer	<i>PM</i>	Customer Service Manager	N/A
Chief Operating Officer	<i>PDB</i>	IT Services Director	<i>(TB)</i>
Chief Financial Officer	<i>FC</i>	Human Resources Director	<i>AB</i>
General Counsel	<i>CB</i>	Water Supply Program Director	<i>(TB)</i>
Communications Director	<i>SD</i>		







**TUALATIN VALLEY**  
WATER DISTRICT

## RESOLUTION NO. 06-24

### A RESOLUTION ESTABLISHING THE FEDERAL AND STATE LEGISLATIVE STRATEGIES FOR THE TUALATIN VALLEY WATER DISTRICT

WHEREAS, over the past six years, the District's successful pursuit of federal and state funding assistance for water infrastructure investment has saved the District's customers more than \$200 million and improved the reliability and resiliency of the District's water system; and

WHEREAS, the affordability of water for the District's most economically and financially vulnerable customers remains a significant public policy issue and will remain so as the District continues its major investments in water infrastructure; and

WHEREAS, the District and its partners in the Joint Water Commission and the Barney Reservoir Joint Ownership Commission have ongoing interests in the preservation and protection of the water resources of the Tualatin and Trask River basins, including the management of groundwater and wetlands for water quality; and

WHEREAS, the District has a significant interest in the protection and preservation of the Willamette River as a drinking water source because of the Willamette's importance as a natural and environmental resource to the State of Oregon, the District, and the District's regional partners; and

WHEREAS, the District's ability to maintain a reliable and resilient water system is essential for the economic development of Washington County and the State of Oregon by supporting key industries such as semiconductor manufacturers; and

WHEREAS, the District will continue to face complex regulatory and business challenges that will require rapid responses to evolving circumstances; and

WHEREAS, establishing the District's state and federal legislative strategies will allow better coordination of efforts among management and the District's elected officials.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE TUALATIN VALLEY WATER DISTRICT THAT:

Section 1: The District establishes the federal legislative strategy attached to this resolution as Exhibit A and incorporated by reference.

Section 2: The District establishes the state legislative strategy attached to this resolution as Exhibit B and incorporated by reference.

Section 3: The District's Chief Executive Officer (CEO) shall undertake those efforts that the CEO deems prudent to pursue these legislative strategies and any agency administrative rule matters that flow therefrom.

Approved and adopted at a regular meeting held on the 20<sup>th</sup> day of March 2024.

---

Name, President

---

Name, Secretary



Exhibit A



**2024 FEDERAL LEGISLATIVE STRATEGY**

Tualatin Valley Water District has established as its top 2024 legislative priorities to protect critical federal water infrastructure programs, pursue grant and Congressionally Directed Spending investments, and ensure the smooth delivery of planned water infrastructure projects.

Priority	Item
1	<b>Federal Funding for Water Infrastructure Projects.</b> <i>Monitor and pursue opportunities to increase federal investments in water infrastructure. Work with federal agencies, legislative champions, and federal partners to steer federal dollars to critical water infrastructure projects. Lobby for additional funding for TVWD Congressionally Directed Spending and grant projects.</i>
1	<b>Affordability of Water for Vulnerable Customers.</b> <i>Monitor issues related to customer assistance programs to address the affordability of water for economically vulnerable customers. Support the funding of a permanent Low Income Household Water Assistance Program (LIHWAP), full funding of the Drinking Water State Revolving Loan Fund, and the Mid-Size and Large Drinking Water Infrastructure Program.</i>
1	<b>Protect the Willamette River as a Drinking Water Source.</b> <i>Support the strategic use of environmental laws to protect the water quality of the Willamette River. This includes reducing the introduction of PFAS into the water, controlling it at the source, and holding those responsible for the contamination accountable. Work with federal regulators for a favorable outcome on the Willamette River Basin Review Feasibility Study (Reallocation).</i>
2	<b>Economic Development.</b> <i>Support efforts to strengthen the economy by ensuring water-intensive industries have ready access to a reliable and resilient water supply. Ensure TVWD can continue to support the growth of the semiconductor industry in the United States.</i>
2	<b>Project Delivery and Contracting.</b> <i>Work to avoid negative impacts to TVWD's project delivery related to legislation impacting procuring, contracting, and financing water infrastructure. Advocate for the protection of tax-exempt financing options for water infrastructure.</i>

In addition, the Tualatin Valley Water District will work with the American Water Works Association, the Association of Metropolitan Water Agencies, and the Government Finance Officers Association to pursue legislative priorities. As particular legislation or regulations evolve, CFM will work with TVWD's leadership to monitor and report on any concepts which may impact the District and prepare an appropriate response.

Contact:

Paul Matthews, Chief Executive Officer  
503.848-3017 paul.matthews@tvwd.org

Joel Rubin, Partner, CFM Advocates  
301.461.1532 joelr@cfmdc.com



### 2024 STATE LEGISLATIVE STRATEGY

Tualatin Valley Water District has established as its top 2024 legislative priorities to protect the Willamette River Basin, pursue state infrastructure investment opportunities, and ensure the smooth delivery of planned water infrastructure projects.

Priority	Item
1	<b>Protect the Willamette River as a Drinking Water Source.</b> <i>Work with stakeholders, regulatory agencies, and drinking water providers to ensure TVWD can continue to provide reliable, resilient, and safe water to its communities. Guard against efforts to reduce environmental or habitat safeguards within the Willamette River basin. Protect access to water and stored water rights.</i>
1	<b>Water Quality.</b> <i>Monitor issues related to water quality, including lead service lines, PFAS, water contaminants, and water quality testing.</i>
1	<b>State Funding for Water Infrastructure Projects.</b> <i>Monitor and pursue opportunities to increase state investments in water infrastructure. Work with state agencies, legislative champions, and federal partners to steer state and federal dollars to critical water infrastructure projects. Lobby for additional funding for TVWD related to affordable housing, resiliency, climate change, and public health.</i>
2	<b>Economic Development, Land Use, and Housing.</b> <i>Support efforts to increase affordable housing supply through policies which encourage sustainable growth and economic development. Ensure TVWD can continue to support the growth of Oregon's semiconductor industry.</i>
2	<b>Project Delivery and Contracting.</b> <i>Work with legislators and stakeholders to avoid negative impacts to TVWD project delivery related to contracting issues, financing, and system development charges.</i>

In addition, the Tualatin Valley Water District will work with local government partners, the Oregon Water Utilities Council, and the Special Districts Association of Oregon to pursue legislative priorities during the 2024 legislative session. As particular bills work through the legislative process, CFM will work with TVWD leadership to monitor and report on any legislative concepts which may impact the District and prepare an appropriate response.

Contact:

Paul Matthews, Chief Executive Officer  
503.848.3000 paul.matthews@tvwd.org

Waylon Buchan, CFM Advocates  
503.707.5756 waylonb@cfmpdx.com