

# **Willamette Water Supply System Commission**

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**Board Meeting**  
**Thursday, October 6, 2022**  
**12:00 PM**

**Microsoft Teams Meeting**

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**Willamette Water Supply System Commission**  
**Board Meeting Agenda**  
**Thursday, October 6, 2022 | 12:00 – 1:30 PM**  
**Microsoft Teams Meeting**

This meeting will not be held at a physical location. If you wish to attend and need dial-in information, please contact [annette.rehms@tvwd.org](mailto:annette.rehms@tvwd.org) or call 971-222-5957 by 10:00 a.m. on October 6, 2022.

If you wish to address the WWSS Board, please request the Public Comment Form and return it 48 hours prior to the day of the meeting.

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.

**EXECUTIVE SESSION – 11:30 AM**

An executive session of the Board is called under ORS 192.660(2)(e) to conduct deliberations with persons designated by the governing body to negotiate real property transactions.

**REGULAR SESSION – 12:00 PM**

**CALL TO ORDER**

**1. GENERAL MANAGER'S REPORT – Dave Kraska**

*Brief presentation on current activities relative to the WWSS Commission*

**2. PUBLIC COMMENT**

*This time is set aside for persons wishing to address the Board on items on the Consent Agenda, as well as 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.*

**3. CONSENT AGENDA**

*These items are considered to be routine and may be approved in one motion without separate discussion. Any Board member 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 September 1, 2022 meeting minutes

**4. BUSINESS AGENDA**

- A. Approve PLM\_1.3 BPA Engineering and Construction Agreement Amendment – *Joelle Bennett*

**5. INFORMATION ITEMS**

- A. Planned December Business Agenda items – *Joelle Bennett*
- B. The next Board Meeting is scheduled on December 1, 2022, via Microsoft Teams

**6. COMMUNICATIONS AND NON-AGENDA ITEMS**

- A. None scheduled

**ADJOURNMENT**

# Willamette Water Supply System Commission

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**GENERAL MANAGER'S REPORT**

**To:** WWSS Board of Commissioners  
**From:** David Kraska, P.E., WWSS General Manager  
**Date:** October 6, 2022  
**Subject:** Willamette Water Supply System General Manager's Report

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This report provides an overview of the current Willamette Water Supply System (WWSS) work efforts under the direction of this Commission, beginning with a Safety Minute presentation.

- 1. Permitting and Communications Updates** – The Willamette Water Supply Program (WWSP) permitting efforts remain very active. Attached to this General Manager's Report is a tabulation of the permits and approvals recently granted, and the status of those currently in process.

*Permitting highlights:*

- Staff prepared and submitted requests to the City of Wilsonville to amend the Grading and Erosion Control and Public Works permits for the Raw Water Facility (RWF\_1.0). Both amendments cover the additional driveway needed by Portland General Electric (PGE) to access their future equipment near the Upper Site as well as the minor pipeline realignment and stormwater redesign to avoid the launch shaft secant piles at the upper site.

*Communications highlights:*

- The Communications Team focused efforts on the development of the Joint Water Supply Integration (WSI) Outreach Plan. The purpose of this plan is to clarify the roles and responsibilities of WWSP, Tualatin Valley Water District (TVWD), City of Hillsboro, and City of Beaverton staff in developing communications for introducing the new Willamette supply into their respective water distribution systems in 2026. This plan outlines how staff will develop, review, and approve WSI communications. The goals for the Joint WSI Outreach Plan include: increasing regional awareness of and confidence in the new water supply; developing a "no surprises" approach for customers, public, special interest groups, stakeholders, partner management and staff, and elected officials; making sure each partner and their staff and leadership have the information they need; supporting the partners in problem solving and issue resolution; creating a mechanism to share customer concerns between agencies; and emphasizing quality, transparency, and service in public messaging.

- 2. Construction Status Updates** – Attached to this General Manager's Report is a tabulation of the status of all the active construction projects. To provide a more complete understanding of the work underway, we will share a presentation of recent photos from these construction sites. A copy of this presentation is attached to this General Manager's report.

**Willamette Water Supply Program Permits and Approvals – Recent Actions and Status**

Date of Report: September 22, 2022

**Permits and Approvals Recently Granted**

Agency	Projects Involved	Permit or Approval Granted
City of Sherwood	PLM_4.3	Engineering, Grading and Erosion control permits
WCLUT	PLW_2.1	ROW utility permit
City of Wilsonville	RWF_1.0	Plumbing permit

**Permits and Approvals Submitted**

Agency	Projects Involved	Permit or Approval Submitted
City of Wilsonville	RWF_1.0	Grading and Erosion control permit amendment 1
City of Wilsonville	RWF_1.0	Public Works permit amendment 1

**Permits and Approvals in Progress**

Agency	Projects Involved	Permit or Approval Submitted
City of Beaverton	MPE_1.2	PFC Facility Mechanical and Plumbing permits
City of Wilsonville	MPE_1.3	Electrical and Temporary Road Closure permits; Beaverton Noise/Night Variance permit
WCLUT	PLM_3.0	Noise Variance permit
WCLUT	PLM_4.2	Cipole night work variance; Sherwood ROW and Temporary Road Closure permits; Tualatin Detour Route and Sign Placement permit (Herman and 124 <sup>th</sup> )
WCLUT	PLM_4.3	Electrical, Noise Variance, Road Closure Permit for Roy Rogers Road; ODOT Detour permit for Roy Rogers Road
WCLUT	PLW_2.1	ROW Access permit; Hillsboro Tree Care, Type I Land Use, Building, Private Utility permit
WCLUT	RES_1.0	Building permits (3)

**Anticipated Approvals**

Agency	Projects Involved	Permit or Approval Anticipated
City of Beaverton	MPE_1.2	PFC Facility Electrical permit
City of Wilsonville	PLM_1.3	Wilsonville Erosion and Sediment Control, Public Works Construction, Land Use (2) permits
City of Sherwood	PLM_4.2	ROW, Temporary Road Closure, Engineering permits; Tualatin Detour Route and Sign Placement permit (Herman and 124 <sup>th</sup> ); Union Pacific RR Right of Entry permit and Utility Occupancy licenses for fiber optic and stormwater pipe (WaCo to obtain)
City of Sherwood	WTP_1.0	Engineering Plan Review, Exterior Plumbing, Interior Plumbing, Mechanical, 9 Building permits; WaCo Facility permit
WCLUT	PLM_4.3	Noise variance, Road Closure permits; ODOT Detour permit

Agency	Projects Involved	Permit or Approval Anticipated
WCLUT	PLW_2.1	ROW Access permit; Hillsboro Tree Care, Building, Grading and Erosion Control, Public Infrastructure, Private Utility permits
WCLUT	RES_1.0	Building permits (2)

*PFC = pressure and flow control*

*ROW = right of way*

*WaCo = Washington County*

*WCLUT = Washington County Land Use and Transportation*

**Willamette Water Supply Program Projects in Construction – Recent Status Update**

Date of Report: September 22, 2022

Project	Description	Progress Since Last Month
1. RWF_1.0	Raw Water Facilities project located at the Willamette River Water Treatment Plant	<ul style="list-style-type: none"> <li>- Upper Site utilities work</li> <li>- Beginning Upper Site fine grading and base rock placement</li> <li>- Continued work on Lower Site stormwater improvements</li> <li>- GMP-2 approved. NTP anticipated late September</li> </ul>
2. PLM_1.3	Raw water pipeline project in Wilsonville from Wilsonville Road to Garden Acres Road	<ul style="list-style-type: none"> <li>- Working with City of Wilsonville to get permits to allow work to start</li> <li>- Potholing utility crossings</li> <li>- Processing PCOs, submittals, and RFIs</li> </ul>
3. WTP_1.0	Water Treatment Plant project, located in City of Sherwood, near the intersection of SW Tualatin-Sherwood Road and SW 124 <sup>th</sup> Avenue	<ul style="list-style-type: none"> <li>- Continue mass excavation and embankment fill</li> <li>- Continue drilling and controlled rock blasting</li> <li>- Continue rock crushing</li> <li>- Temporary electrical service</li> <li>- Critical submittals including baseline CPM schedule</li> </ul>
4. PLM_4.2	Finished water pipeline project being completed in partnership with Washington County's Tualatin Sherwood Road – SW 124 <sup>th</sup> Ave. to Langer Farms Parkway	<ul style="list-style-type: none"> <li>- Clearing and demolition for roadwork activities</li> <li>- Utility relocates</li> <li>- WWSP submittals</li> </ul>
5. PLM_4.1	Finished water pipeline project being completed in partnership with Washington County's Highway 99 Crossing Pipeline and Tualatin Sherwood Road – Langer Farms Parkway to Borchers Drive	<ul style="list-style-type: none"> <li>- Completed trenchless crossing of Hwy 99</li> <li>- 66" waterline installed in trenchless casing</li> <li>- Annular space grouting and open cut pipe work starting in October</li> <li>- Continue road widening on Tualatin-Sherwood Rd.</li> </ul>
6. PLM_4.4	Finished water pipeline project being completed in partnership with Washington County's Chicken Creek to Borchers Dr	<ul style="list-style-type: none"> <li>- Processing WWSP submittals and RFIs</li> <li>- Sound walls currently being installed along the north side of Roy Rogers Rd.</li> </ul>
7. PLM_4.3	Finished water pipeline project in unincorporated Washington County along Roy Rogers Road	<ul style="list-style-type: none"> <li>- Access and haul roads for waterline construction</li> <li>- Secant pile installation for north tunnel shaft</li> <li>- Start of 66" open cut pipe installation along Roy Rogers Rd.</li> <li>- City of Sherwood pre-con and permitting completed</li> <li>- Clearing and grubbing alignment</li> </ul>



## Willamette Water Supply System (WWSS) General Manager's Report

October 6, 2022

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Project	Description	Progress Since Last Month
8. RES_1.0/ PLM_5.3	Water Storage Tank and finished water pipeline project in rural Washington County. Tank site at SW Grabhorn Road and Stonecreek Drive. Pipeline extends from SW Grabhorn Road at SW Tile Flat Road to SW Rosedale Road at future Cornelius Pass Extension	<ul style="list-style-type: none"> <li>- RES_1.0 - Continued rock excavation and haul off</li> <li>- RES_1.0 – Continued construction of the soil nail/rock bolt retaining wall, approximately 75%</li> <li>- RES_1.0 – Started Installation of 18” and 12” stormwater lines</li> <li>- PLM_5.3 – Continue installation of 66” waterline Crew 1: approximately 2,500 LF installed and 2,350 LF backfilled</li> <li>- PLM_5.3 – Continue installation of 66” waterline Crew 2: approximately 1,400 LF installed and 1,200 LF backfilled</li> <li>- PLM_5.3 – Ground improvement (cement deep soil mixing) approximately 72% complete</li> </ul>
9. PLW_1.3	Finished water pipeline project in South Hillsboro from SW Farmington Road to SE Blanton Street	<ul style="list-style-type: none"> <li>- Wetland planting</li> <li>- Final restoration of pipeline alignment</li> <li>- Farmington turnout vault piping and electrical work</li> <li>- Butternut Creek turnout electrical and control panels</li> </ul>
10. PLW_1.2	Finished water pipeline project in South Hillsboro from TV HWY to Frances Street	<ul style="list-style-type: none"> <li>- Reedville Creek trenchless crossing <ul style="list-style-type: none"> <li>- Slide rail shoring installed, dewatering wells installed and developed</li> <li>- 60” boring to commence third week of September</li> </ul> </li> <li>- Tree clearing and roadway subgrade prep on east side of Cornelius Pass Rd</li> <li>- Street lighting prep and install</li> </ul>
11. MPE_1.1/ COB_1.1	Finished water pipeline project being completed in partnership with the City of Beaverton's SW Western Avenue project	<ul style="list-style-type: none"> <li>- 48” WWSP waterline and Western Ave. nearly complete</li> <li>- Continued work on test stations, blowoff assemblies and CARV appurtenance piping</li> <li>- Continue WWSP flowmeter vault construction</li> <li>- 48” waterline joint grouting</li> <li>- Installation of COB 16” ductile iron water main from Arctic to Beaverton-Hillsdale Hwy</li> <li>- City stormwater improvements along Western Ave.</li> </ul>
12. MPE_1.2/ COB_1.2	Finished water pipeline project in Beaverton from SW Scholls Ferry Road at Greenway Park to SW Allen Boulevard at Western Avenue	<ul style="list-style-type: none"> <li>- Beginning tunnel #1 at lower Fanno Creek</li> <li>- 16” COB waterline on Scholls Ferry Rd <ul style="list-style-type: none"> <li>- Continue installation to Homestead Ln.</li> <li>- Test from Nimbus Ave. to Homestead Ln.</li> </ul> </li> <li>- Install 48” open cut waterline north of Hall Blvd.</li> <li>- Install 48” waterline on Scholls Ferry Rd., west of Hwy 217</li> </ul>

CPM = critical path method

NTP = notice to proceed

PCO = potential change order

RFI = request for information

# Willamette Water Supply System Commission

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## Willamette Water Supply

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### Safety Minute: First Rain - Driving After a Dry Spell

WWSS Board Meeting  
October 6, 2022

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### First Rain - Driving After a Dry Spell

- During a dry stretch of weather, oil and grease build up on the roads into a greasy layer.
- At first rain, the greasy layer rises to the top, forming a slick surface for drivers.
- Studies have shown that the risk of having an accident on a “first rain” day increases with the length of the dry spell preceding it.



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## First Rain - Driving After a Dry Spell

### How to stay safe on wet roads:

- Slow down but keep up with traffic – increases your time to react to dangerous situations and improves your tire traction
- Give yourself extra room to brake – sudden braking in rainy conditions can lead to loss of control
- Use gentle maneuvers – stay in control on treacherous roads



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<https://www.lrlawfirm.com/why-the-first-rain-is-so-dangerous-for-car-accidents/>  
<https://www.wikimotors.org/why-is-it-dangerous-to-drive-after-rain.htm#:~:text=The%20first%20rain%20can%20loosen,drive%2C%20especially%20at%20high%20speeds.>

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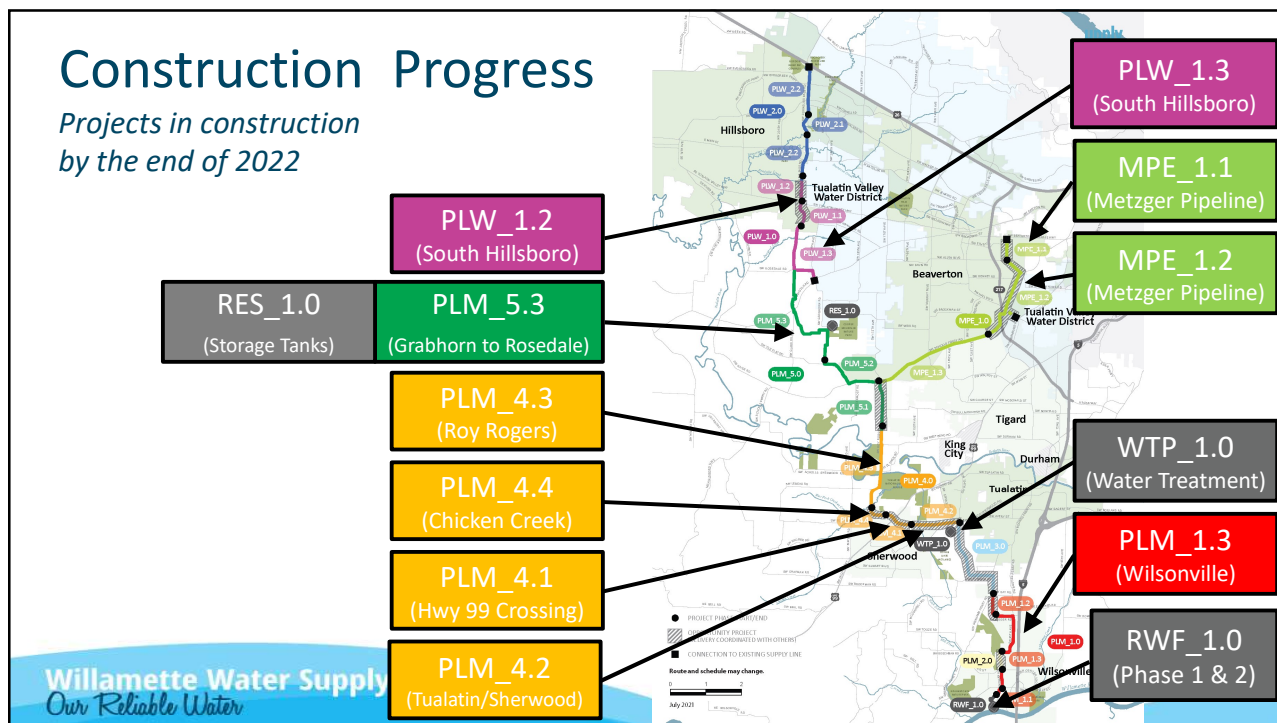
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# Willamette Water Supply *Our Reliable Water*

## 1. GM Report Construction Summary – *Dave Kraska*

October 6, 2022

1



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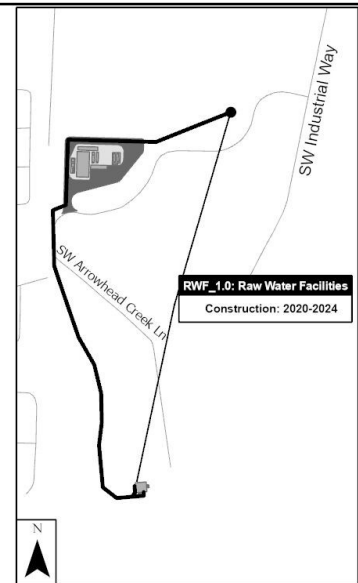
## RWF\_GMP-1.5

Contractor: Kiewit Infrastructure West Co.

Designer: Black & Veatch

### Current and Planned Activities:

- Upper Site Utilities work
- Beginning Upper Site fine grading and base rock placement
- Continued work on Lower Site stormwater improvements
- GMP-2 approved. NTP anticipated late September



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## Construction Photos – RWF\_GMP-1.5

Upper Site Utilities: 18" storm drain from Upper Site bioswales to Arrowhead Creek outfall



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## Construction Photos – RWF\_GMP-1.5

Lower Site drainage improvements and City of Wilsonville WRWTP upgrade work



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## Construction Photos – RWF\_GMP-1.5

Wilsonville 5<sup>th</sup> and Kinsman Project



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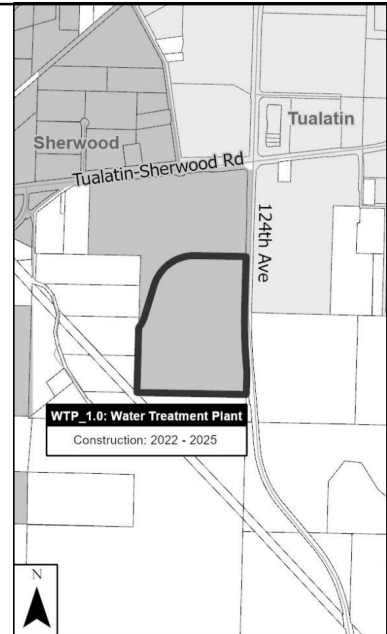
6

# WTP\_1.0

Contractor: Sundt Construction, Inc.  
 Designer: CDM Smith

## Current and Planned Activities:

- Continue mass excavation and embankment fill
- Continue drilling and controlled rock blasting
- Continue rock crushing
- Temporary electrical service
- Critical submittals including baseline CPM schedule



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# Construction Photos - WTP\_1.0

Looking north: Clearwell and Pump Station subgrade prep



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## Construction Photos - WTP\_1.0

Looking west:  
Equalization Basin  
subgrade prep



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## Construction Photos - WTP\_1.0

Temporary office trailer  
setup and laydown yard



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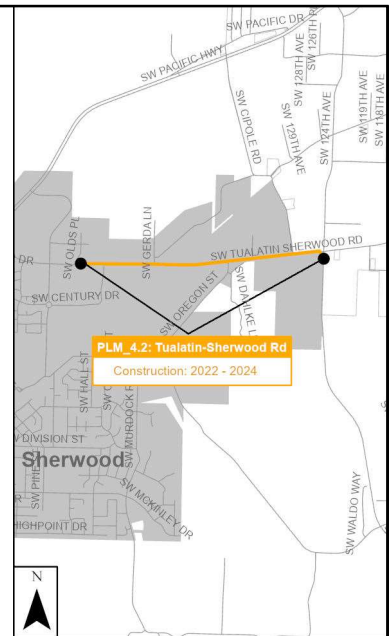
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## PLM\_4.2

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

### Current and Planned Activities:

- Clearing and demolition for roadwork activities
- Utility relocates
- WWSP submittals



## Construction Photos – PLM\_4.2

Road work along Tualatin-Sherwood Road



## PLM\_4.1

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

### Current and Planned Activities:

- Completed trenchless crossing of Hwy 99
- 66" waterline installed in trenchless casing
- Open-cut pipe work starting in October
- Continue road widening on Tualatin-Sherwood Rd.



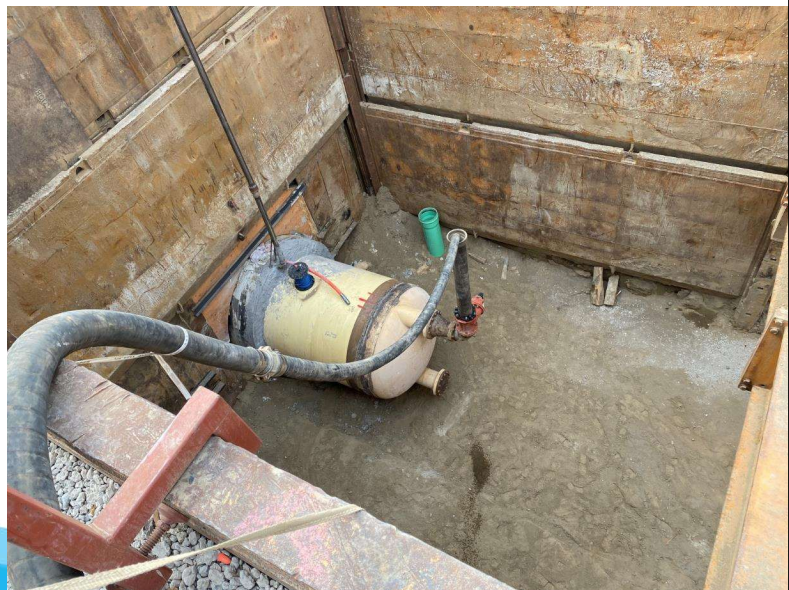
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## Construction Photos – PLM\_4.1

Filling carrier pipe with water  
 prior to annular space grouting



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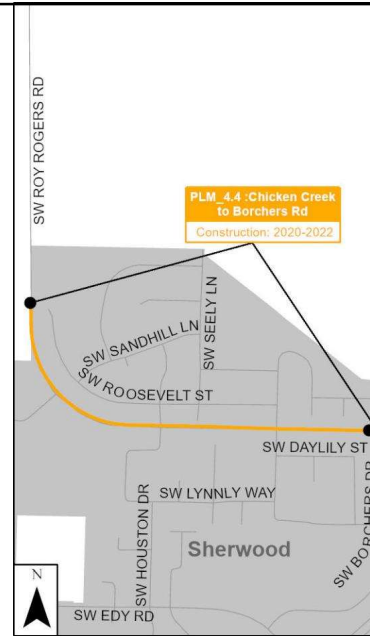
14

## PLM\_4.4

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

### Current and Planned Activities:

- Processing WWSP submittals and RFIs
- Sound walls currently being installed along the north side of Roy Rogers Rd.



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## Construction Photos – PLM\_4.4

Sound wall installation



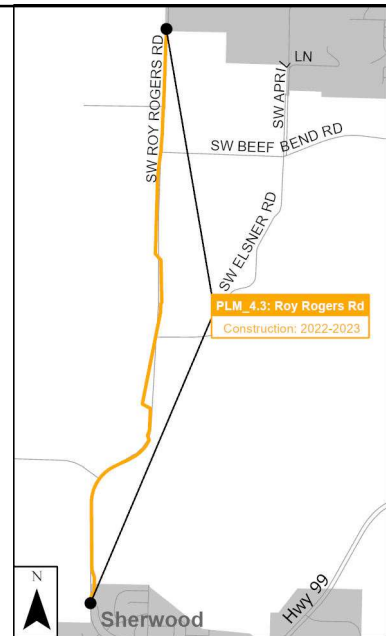
16

## PLM\_4.3

Contractor: Tapani Inc.  
 Designer: Brown & Caldwell

### Current and Planned Activities:

- Access and haul roads for waterline construction
- Secant pile installation for north tunnel shaft
- Start of 66" open-cut pipe installation along Roy Rogers Rd.
- City of Sherwood pre-con and permitting completed
- Clearing and grubbing alignment



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## Construction Photos – PLM\_4.3

North tunnel shaft secant pile construction



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## Construction Photos – PLM\_4.3

Clearing, grubbing and haul  
road construction

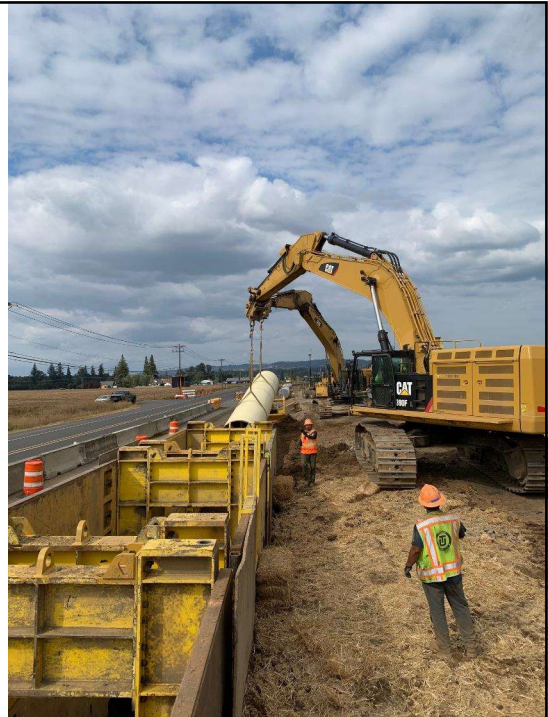


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## Construction Photos – PLM\_4.3

Open-cut pipe installation  
begins along Roy Rogers Rd.



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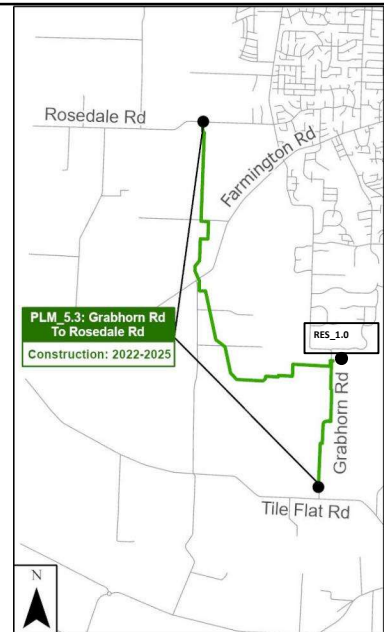
20

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

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

### Current and Planned Activities:

- RES\_1.0 - Continued rock excavation and haul off
- RES\_1.0 - Continued construction of the soil nail/rock bolt retaining wall, approximately 75% complete
- RES\_1.0 - Started installation of 18" and 12" stormwater lines
- PLM\_5.3 - Continue installation of 66" waterline
  - Crew 1: approximately 2,500 LF installed and 2,350 LF backfilled
  - Crew 2: approximately 1,400 LF installed and 1,200 LF backfilled
- PLM\_5.3 - Ground improvement (cement deep soil mixing) approximately 72% complete



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## Construction Photos – RES\_1.0

Excavation and shotcrete application at RES\_1.0 site



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## Construction Photos – RES\_1.0

Soil nail wall at RES\_1.0 site



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## Construction Photos – PLM\_5.3

66" waterline installation  
near Koehler Rd. (2<sup>nd</sup> crew)



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## Construction Photos – PLM\_5.3

Ground improvements –  
cement deep soil mixing



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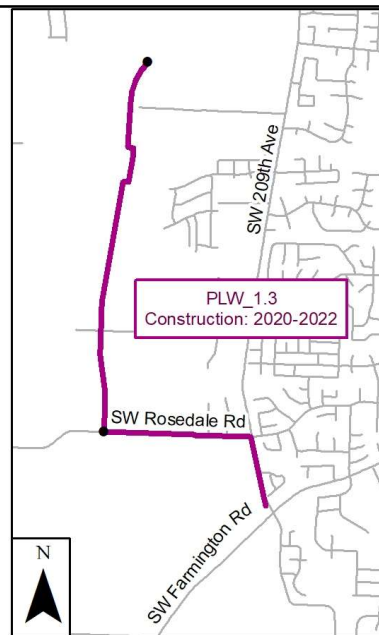
25

## PLW\_1.3

Contractor: Tapani, Inc.  
Designer: Kennedy/Jenks

### Current and Planned Activities:

- Wetland planting
- Final restoration of pipeline alignment
- Farmington turnout vault piping and electrical work
- Butternut Creek turnout electrical and control panels



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## Construction Photos – PLW\_1.3

Restoration of work limits near Kinnaman & Cornelius Pass Rd.



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## Construction Photos – PLW\_1.3

Electrical/Controls conduits at Farmington Turnout



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## Construction Photos – PLW\_1.3

Farmington Turnout  
flowmeter vault

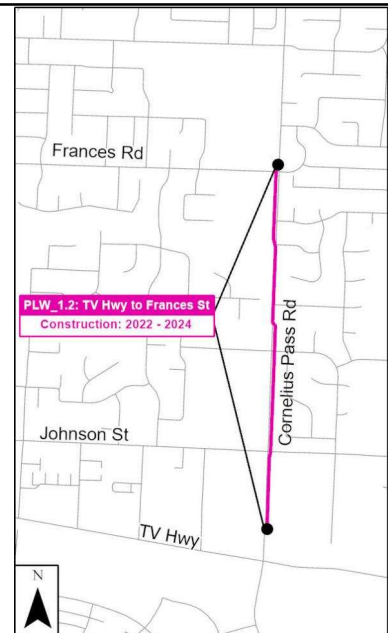


## PLW\_1.2

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

### Current and Planned Activities:

- Reedville Creek trenchless crossing
  - Slide rail shoring installed, dewatering wells installed and developed
  - 60” boring to commence third week of September
- Tree clearing and roadway subgrade prep on east side of Cornelius Pass Rd.
- Street lighting prep and install



## Construction Photos – PLW\_1.2

Concrete collar thrust block installed on existing 18" TVWD water main prior to relocation and excavation for boring shafts



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## Construction Photos – PLW\_1.2

Reedville Creek Crossing:  
First bay of boring launch shaft installed (40' x 14' shaft)



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## MPE\_1.1

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

### Current and Planned Activities:

- 48" WWSP waterline on Western Ave. nearly complete
- Continued work on test stations, blowoff assemblies and CARV appurtenance piping
- Continue WWSP flowmeter vault construction
- 48" waterline joint grouting
- Installation of COB 16" ductile iron water main from Arctic to Beaverton-Hillsdale Hwy
- City stormwater improvements along Western Ave.



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## Construction Photos – MPE\_1.1

48" WWSP waterline  
 installation near Beaverton-  
 Hillsdale Highway



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## Construction Photos – MPE\_1.1

Project alignment looking south from Beaverton-Hillsdale Hwy.



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## Construction Photos – MPE\_1.1

Installation of dished head, south of Beaverton Hillsdale Highway

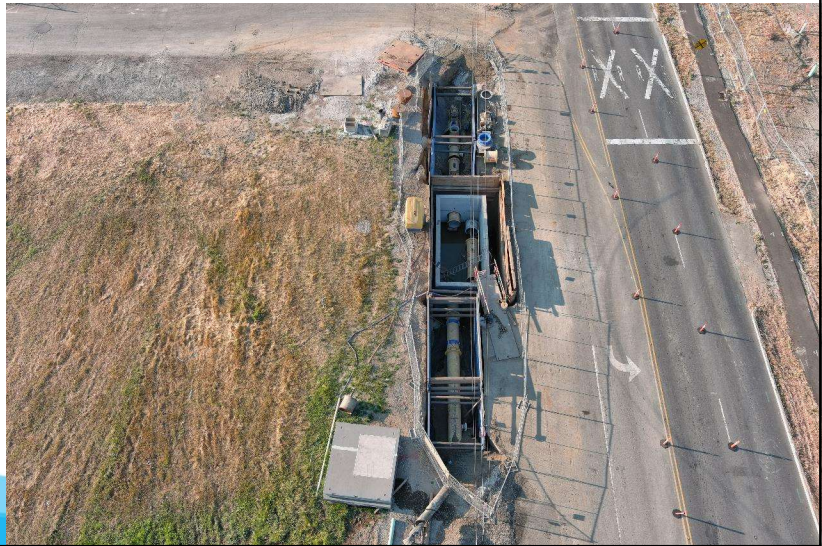


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## Construction Photos – MPE\_1.1

Flowmeter vault construction



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## MPE\_1.2

Contractor: Emery & Sons  
Designer: Brown & Caldwell

### Current and Planned Activities:

- Begin tunnel #1 at lower Fanno Creek
- 16" COB waterline on Scholls Ferry Rd.
  - Continue installation to Homestead Ln.
  - Test from Nimbus Ave. to Homestead Ln.
- Install 48" open-cut waterline north of Hall Blvd.
- Install 48" waterline on Scholls Ferry Rd, west of Hwy 217



MPE\_1.2: SW Roy Rogers Rd  
to SW Allen Blvd  
Construction: 2021-2023

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## Construction Photos – MPE\_1.2

Completed construction of launch shaft at Tunnel #1



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## Construction Photos – MPE\_1.2

Tunnel #1 launch shaft near Greenway Park and Fanno Creek Trail



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## Construction Photos – MPE\_1.2

Slide rail installation for  
Receiving Pit #1

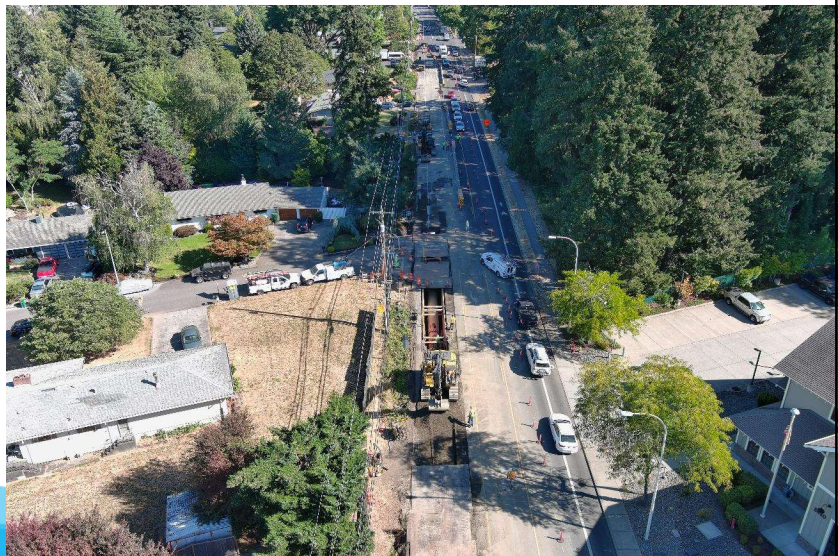


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## Construction Photos – MPE\_1.2

48" waterline installation on  
Scholls Ferry Rd. near  
Homestead Ln.



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**QUESTIONS?**

**DRAFT**

**Willamette Water Supply System Commission  
Board Meeting Minutes  
Thursday, September 1, 2022**

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**Attendance:****Commissioners present:**

City of Beaverton	Lacey Beaty ( <i>alternate</i> )
City of Hillsboro	John Godsey ( <i>alternate</i> )
Tualatin Valley Water District (TVWD)	Jim Duggan

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**Committee Members present:**

City of Beaverton	Chad Lynn
City of Hillsboro	Niki Iverson, Lee Lindsey, Jessica Dorsey
TVWD	Tom Hickmann, Pete Boone

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**Managing Agency Staff present:**

WWSS Commission General Manager / Willamette Water Supply Program (WWSP) Director	Dave Kraska
TVWD General Counsel	Clark Balfour
WWSP Assistant Director	Joelle Bennett
WWSP Program Manager	Jeremy Taylor
WWSP Engineering and Construction Manager	Mike Britch
WWSP Permitting and Outreach Manager	Christina Walter
WWSP Finance Manager	Toby LaFrance
WWSS Commission Recorder / WWSP Executive Assistant	Annette Rehms

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**Other Attendees present:**

City of Hillsboro JWC Water Treatment Manager	Chris Wilson
City of Hillsboro Water Engineering Manager	Negar Niakan
TVWD Water Resources Division Manager	Joel Cary
TVWD Controller	David Shick
TVWD Asset Management Division Manager	Matt Oglesby

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**REGULAR SESSION – 12:00 PM****CALL TO ORDER**

Vice Chair Duggan called the regular Willamette Water Supply System (WWSS) Commission meeting to order at 12:04 p.m.

**ROLL CALL**

Ms. Rehms administered the roll call and noted a quorum was present.

## 1. GENERAL MANAGER'S REPORT

Mr. Kraska presented a safety minute on First Care: how to assist until help arrives (*presentation on file*).

The General Manager's report included status updates on Willamette Water Supply Program (WWSP) permitting and communications activities, planned business agenda items, possible move to hybrid meetings, and construction progress. Meetings will continue to be held remotely and in February the General Manager will provide an update on transitioning to hybrid meetings. (*presentation on file*).

## 2. PUBLIC COMMENT

There were no public comments.

## 3. CONSENT AGENDA

- A. Approve the August 4, 2022, meeting minutes

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

## 4. BUSINESS AGENDA

- A. Approve RWF\_1.0 GMP No. 2 for Construction – *Mike Britch*

Mr. Britch provided an overview of the RWF\_1.0 construction project. He reviewed the RWF\_1.0 Construction Manager/General Contractor (CM/GC) project background; Raw Water Facilities current condition; Guaranteed Maximum Price (GMP) 2 scope of work; actions taken for cost management through GMP 2; the phase 2 bidding process, cost evaluation, bid results, contract summary; and benefits of approving GMP No. 2. He then requested the Board's approval of a change order in the amount of \$61,960,234 to Kiewit Infrastructure West, Co for GMP Phase 2 of the Raw Water Facilities project and drawing \$14,537,706 from Management Reserve to fund the amount above in the current baseline budget. (*presentation on file*)

Motion was made by Beaty and seconded by Godsey to approve a change order in the amount of \$61,960,234 to Kiewit Infrastructure West, Co for GMP Phase 2 of the Raw Water Facilities project and drawing \$14,537,706 from Management Reserve to fund the amount above in the current baseline budget. The motion passed unanimously with Beaty, Godsey, and Duggan voting in favor.

## 5. INFORMATION ITEMS

- A. The next Board meeting is scheduled on October 6, 2022, via Microsoft Teams.

## 6. COMMUNICATIONS AND NON-AGENDA ITEMS

- A. None scheduled

**ADJOURNMENT**

There being no further business, Vice Chair Duggan adjourned the meeting at 1:03 p.m.

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David Judah, Chair

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James Duggan, Vice Chair

# Willamette Water Supply System Commission

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**STAFF REPORT**

**To:** WWSS Board of Commissioners

**From:** Joelle Bennett, P.E., WWSP Assistant Program Director

**Date:** October 6, 2022

**Subject:** Amendment to Bonneville Power Administration Agreement for Utility Relocations on PLM\_1.3

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**Requested Board Action:**

Consider adopting a resolution approving an amendment to the agreement on behalf of the Willamette Water Supply System Commission between the Tualatin Valley Water District and Bonneville Power Administration (Agreement Number 21TP-12325) for utility relocations.

**Key Concepts:**

- The Willamette Water Supply Program (WWSP) project PLM\_1.3 includes installing pipeline within SW Ridder Road in Wilsonville.
- Bonneville Power Administration (BPA) owns and operates two substations on opposite sides of SW Ridder Road and there is buried infrastructure in the road connecting the two facilities.
- In June 2021, the WWSS Commission passed a resolution authorizing TVWD to enter into an agreement with BPA to facilitate utility relocations in advance of WWSP construction.
- This amendment addresses the remaining work to accomplish the relocations.

**Background:**

In June 2021, an agreement between the BPA and Tualatin Valley Water District (TVWD), acting on behalf of the Willamette Water Supply System (WWSS) Commission, was approved to facilitate WWSP construction of the PLM\_1.3 waterline on SW Ridder Road. The agreement was between TVWD and BPA, and not the WWSS Commission, because TVWD exists in the BPA payment system and, as Managing Agency, is responsible for the payment of the agreement. WWSS Commission authorized TVWD to enter into the agreement on its behalf through adoption of the proposed resolution.

Under the original agreement, a Preliminary Engineering Agreement, BPA developed the scope of work for the utility relocations to better understand the necessary work and potential cost. The cost of the initial scoping work was \$25,000, which was less than the \$128,600 that BPA originally anticipated requested for scoping, design, and construction.

This proposed amendment commits BPA to, at TVWD's expense and on behalf of the WWSS, removing and replacing existing grounding mat conductors and a power service cable pipeline in the Ridder Road right-of-way, between BPA's Oregon City 115 kV Substation and 500 kV Pearl Substation. Coordinating with BPA adds cost to the PLM\_1.3 project but allows the WWSP pipeline to be installed in a shallower trench, reducing the construction cost for this section of pipeline. One of the existing BPA features is 11.5 feet deep, and in direct conflict with WWSS's preferred trench depth.

October 6, 2022

Page 2 of 3

Agreement terms include the following:

- BPA will design the removal and installation of the ground mat ties and station service cable between Oregon City and Pearl Substations
- BPA will coordinate its work with WWSS
- WWSP will provide design drawings to BPA and coordinate with BPA
- WWSP will install its pipeline in that area
- BPA will restore its station service cable and reconnect the grounding mats with new conductors in newly installed conduit

BPA provided an estimated cost for this work. BPA anticipates this estimate to be a worst-case scenario, and if the entire budget is not needed, BPA will refund WWSS. The final completion date is still under negotiation between WWSS and BPA, the current target completion date is September 1, 2024.

**Budget Impact:**

BPA estimates the cost for design and construction of the utility relocations to be \$996,000. The agreement requires that TVWD place the funds in an account for BPA to draw against as the work progresses. As stated in the agreement, if the work costs less than the estimate, WWSS will be refunded the unused amount. If the work costs more than the estimate, BPA would provide advance notice and the WWSS would bear the additional cost. The cost of the relocation work would be allocated by the Partners' PLM\_1.3 ownership (per WWSS IGA Exhibit 1, Section 4.2, Raw Water Pipeline), as follows:

- TVWD at 58.92% = \$586,843.20
- Hillsboro at 36.09% = \$359,456.40
- Beaverton at 4.99% = \$49,700.40

The funds are anticipated to be a draw on project contingency.

Budget and original BPA estimate	\$128,600
Scoping fee	\$25,000
Available budget (A)	\$103,600
Estimated cost of design and construction (B)	\$996,000
Budget adjustment needed (B – A)	\$892,400
Available project contingency budget*	\$9,801,323.68
Revised contingency budget	\$8,908,923.68
*Per WWSP Project Controls data as of 9/18/2022	



**Staff Contact Information:**

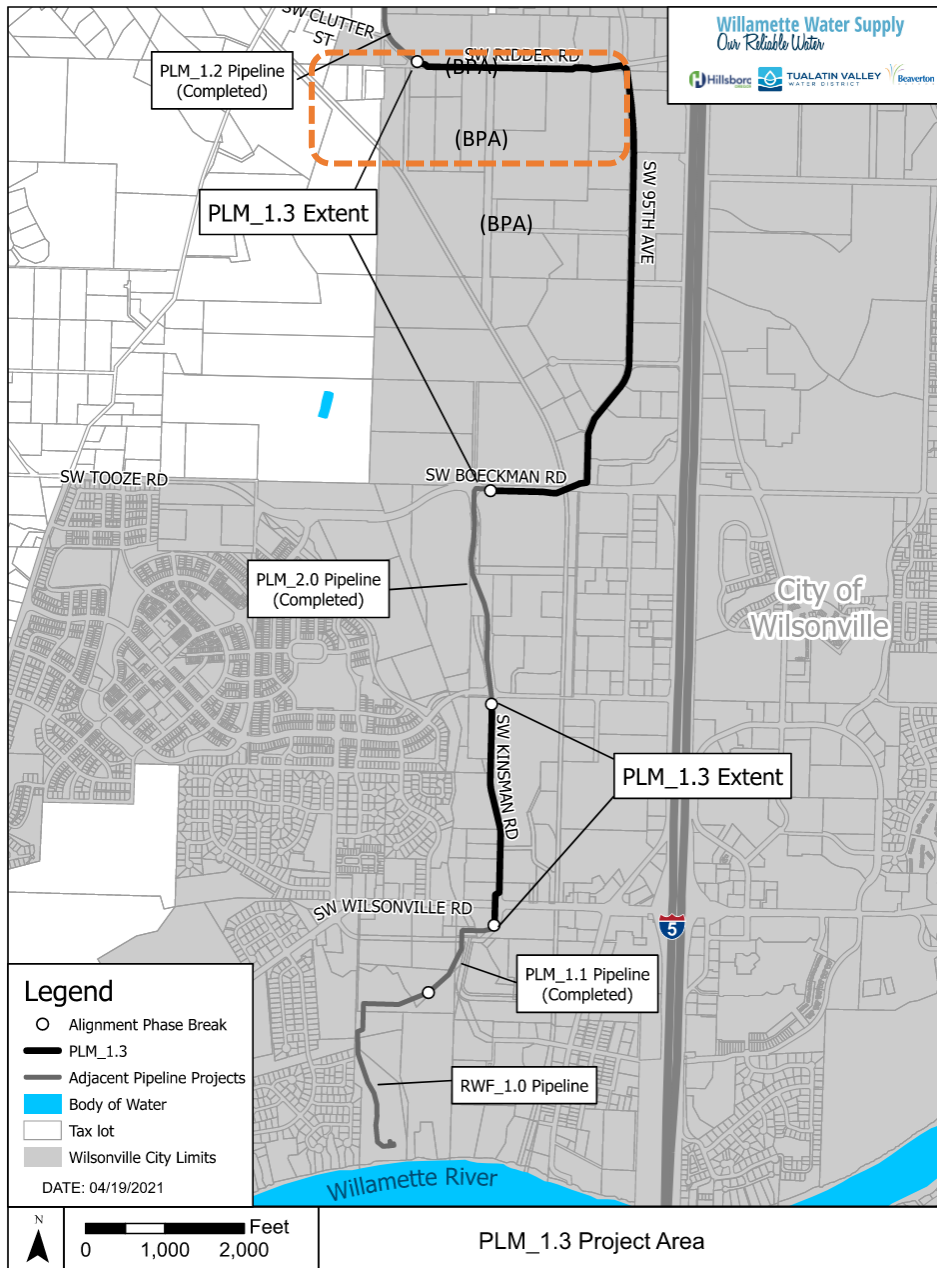
Dave Kraska, WWSP Program Director; 503-941-4561; david.kraska@tvwd.org

Joelle Bennett, P.E., WWSP Assistant Program Director, 503-941-4577, joelle.bennett@tvwd.org

**Attachments:**

- Project area map
- Proposed resolution
- Exhibit 1: Agreement

**Project area map:**



# Willamette Water Supply System Commission

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**RESOLUTION NO. WWSS-07-22**

A RESOLUTION APPROVING AN AMENDMENT TO THE AGREEMENT ON BEHALF OF THE WILLAMETTE WATER SUPPLY SYSTEM COMMISSION BETWEEN TUALATIN VALLEY WATER DISTRICT AND BONNEVILLE POWER ADMINISTRATION (AGREEMENT NUMBER 21TP-12325)

WHEREAS, Tualatin Valley Water District (“TVWD”), the City of Hillsboro (“Hillsboro”), and the City of Beaverton (“Beaverton”) formed the Willamette Water Supply System Commission (“Commission”) to permit, design, and construct the Willamette Water Supply System (“WWSS”), including intake pumping facilities and transmission facilities, a water treatment plant, and reservoir facilities (“System”) under the Willamette Water Supply Program (“WWSP”) to provide potable water to TVWD, Hillsboro, and Beaverton and to increase system reliability; and

WHEREAS, WWSS includes a project named PLM\_1.3, located mostly within the City of Wilsonville, including along SW Ridder Road; and,

WHEREAS, Bonneville Power Administration (“BPA”) owns and operates electrical power infrastructure including two substations adjacent to Ridder Road; and,

WHEREAS, WWSS and BPA acknowledge that for the safe and efficient construction of the PLM\_1.3 project, it is necessary to relocate BPA equipment in the project area, including a station service cable and grounding conductors; and,

WHEREAS, the initial agreement for preliminary engineering services was authorized by the WWSS Commission on June 3, 2021 as Resolution No. WWSS-10-21 and the agreement was fully executed December 1, 2021; and,

WHEREAS, WWSS and BPA have agreed on terms to compensate BPA for the final design and construction of the utility relocation on SW Ridder Road.

NOW, THEREFORE, BE IT RESOLVED BY THE WILLAMETTE WATER SUPPLY SYSTEM COMMISSION THAT:

Section 1: The Amendment to Agreement Number 21TP-12325 between Willamette Water Supply System Commission and BPA, attached hereto as Exhibit 1 and incorporated herein by this reference, is approved.

Section 2: The Commission hereby authorizes TVWD as its Managing Agency, and the WWSP Director or his designee specifically, to work with the Commission’s legal counsel to refine the final scope to complete the project, finalize the project timeline, and prepare a final version of the Agreement, consistent with this Resolution, and to take all actions necessary to execute the Agreement on behalf of the Commission.

Approved and adopted at a regular meeting held on the 6<sup>th</sup> day of October 2022.

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David Judah, Chair

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James Duggan, Vice Chair

# Willamette Water Supply System Commission

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**U.S. DEPARTMENT OF ENERGY  
BONNEVILLE POWER ADMINISTRATION  
AGREEMENT**

1. AGREEMENT NUMBER <b>21TP-12325</b>	2. AGREEMENT EFFECTIVE FROM DATE IN BLOCK 4 UNTIL <b>See Section #11 of the Division of Responsibilities Statement</b>	3. AMENDMENT NO. <b>-1-</b>	4. EFFECTIVE DATE <b>Same as Block #17</b>
<b>ISSUED TO</b>		<b>ISSUED BY</b>	
5. ORGANIZATION AND ADDRESS <b>Tualatin Valley Water District ATTN: Mr. David Kraska, WWSP Director and WWSS General Manager 1850 SW 170<sup>th</sup> Avenue Beaverton, OR 97003 E-mail: <a href="mailto:David.Kraska@tvwd.org">David.Kraska@tvwd.org</a></b>		6. ORGANIZATION AND ADDRESS <b>U.S. Department of Energy Bonneville Power Administration ATTN: Tonya Van Cleave – TPCC/TPP-4 P.O. Box 61409 Vancouver, WA 98666</b>	
7. TECHNICAL CONTACT <b>Sarah Betz</b>	PHONE NUMBER <b>(503) 499-0561</b>	8. TECHNICAL CONTACT <b>Vincent Majors</b>	PHONE NUMBER <b>(360) 619-6683</b>
9. ADMINISTRATIVE CONTACT <b>Dave Kraska</b>	PHONE NUMBER <b>(503) 941-4561</b>	10. ADMINISTRATIVE CONTACT <b>Gordon Markley</b>	PHONE NUMBER <b>(360) 619-6052</b>
11. TITLE/BRIEF DESCRIPTION OF WORK TO BE PERFORMED UNDER THIS AGREEMENT  <b>DESIGN, MATERIALS PURCHASES AND CONSTRUCTION ACTIVITIES ASSOCIATED WITH TUALATIN VALLEY WATER DISTRICT'S RIDDER ROAD WATER PIPELINE CROSSING PROJECT</b>  This Reimbursable Agreement Amendment (Agreement) between the Bonneville Power Administration (BPA) and Tualatin Valley Water District (TVWD) provides for design, materials purchases and construction associated with TVWD's plans to design a water pipeline in the Ridder Road right-of-way between BPA's Oregon City 115 kV Substation and 500 kV Pearl Substation.  TVWD is entering into this Agreement on behalf of the Willamette Water Supply System (WWSS) Commission as the Managing Agency responsible for the day-to-day administration of the WWSS Commission. The WWSS Commission was formed by an intergovernmental agreement ("IGA") entered into by TVWD, City of Hillsboro, and the City of Beaverton to permit, design, and construct the Willamette Water Supply System, including intake and transmission facilities, a water treatment plant, and reservoir facilities ("WWSS") to provide potable water and to increase system reliability. This work is being performed through the Willamette Water Supply Program ("WWSP"). This reimbursable agreement is for a portion of the WWSS Commission work called "PLM_1.3" and located as described above. In this document, use of the term TVWD is inclusive of the WWSS Commission.  Specific duties are defined in the attached Division of Responsibilities Statement.  <b><u>The following documents are attached to and become a part of this Agreement:</u></b> <ul style="list-style-type: none"> <li>• Division of Responsibilities Statement</li> <li>• Financial Terms and Conditions Statement</li> </ul>			
12. AMOUNT TO BE PAID BY BPA <b>\$-0-</b>		13. AMOUNT TO BE PAID TO BPA <b>\$996,000 (estimated)</b>	
14. SUBMIT SIGNED AGREEMENT TO <b>U.S. Department of Energy Bonneville Power Administration ATTN: Allison O'Donnell – TPCC/TPP-4 P.O. Box 61409 Vancouver, WA 98666</b>		15. ACCOUNTING INFORMATION <i>(For BPA Use Only)</i>  16. SUBMIT INVOICE TO <i>(Name and Address)</i> <b>Same as Block #5 above.</b>	
<b>PARTICIPANT</b>		<b>BPA</b>	
17. APPROVED BY <i>(Signature)</i>	DATE <i>(mm/dd/yyyy)</i>	18. APPROVED BY <i>(Signature)</i>	DATE <i>(mm/dd/yyyy)</i>
NAME AND TITLE		NAME AND TITLE <b>Manager, Customer Service Engineering</b>	

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**DIVISION OF RESPONSIBILITIES STATEMENT**

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BPA and TVWD hereby agree as follows:

**1. DIVISION OF RESPONSIBILITIES****(a) BPA shall, at TVWD's expense:**

- (1) Design the removal of existing ground mat ties and installation of the replacement ground mat ties
- (2) Disconnect and pull back into the Oregon City Substation the existing 13.8 kV station service cable between Oregon City and Pearl Substations. This cable will be reconnected after the new conduit is installed.
- (3) Purchase materials to install the new ground mat ties.
- (4) Cut off the existing grounding conductor between Pearl and Oregon City Substations at the Oregon City and Pearl ends.
- (5) Remove existing conduit between Pearl and Oregon City Substations
- (6) Replace the existing metallic communications cable between Oregon City Substation and Pearl Substation with a fiber cable.
- (7) Install new fiber communications equipment in Oregon City Substation.
- (8) Coordinate with TVWD to install TVWD's pipeline between the two substations.
- (9) Install new conduit between Pearl and Oregon City Substations between the existing manholes.
- (10) Install brackets in the manholes to hold station service cable and grounding conductors.
- (11) Install new grounding conductor between Pearl and Oregon City in the newly installed conduits.
- (12) Re-terminate station service cable.

**(b) TVWD shall, at TVWD's expense:**

- (1) Coordinate with BPA to install the pipeline between the two substations.

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**DIVISION OF RESPONSIBILITIES STATEMENT**

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- (2) Install TVWD's water pipeline between the two substations.
- (3) Install auxiliary pipeline facilities (valves, air lock) on the Oregon City side of the road on BPA's property.

**2. OWNERSHIP, OPERATION AND MAINTENANCE**

- (a) BPA shall, at BPA's expense, own, operate and maintain the facilities installed in Section (1)(a) above.
- (b) TVWD shall, at TVWD's expense, own, operate and maintain the pipeline installed in Section (1)(b) above.

**3. ENVIRONMENTAL COMPLIANCE**

Upon execution of this Agreement, the parties may proceed with all preliminary engineering and project management work. The performance of all construction work under this Agreement is contingent on BPA's completion of its environmental review process under the National Environmental Policy Act (NEPA), if applicable, as BPA shall determine. After completion of this process BPA will decide whether to proceed with the construction work and, if so, whether modifications to such work should be made based on the NEPA review. BPA reserves the right to choose any alternatives considered in the NEPA process, including the no-action alternative, and nothing in this agreement shall be construed as obligating BPA to proceed with construction work under this Agreement or to allow TVWD to proceed with construction work under this Agreement before BPA has completed the NEPA review process and made a decision regarding how to proceed. If BPA decides that modifications to the construction work under this Agreement should be made, the parties shall modify their respective obligations under this Agreement to be consistent with such modifications.

**4. UNCONTROLLABLE FORCES**

The Parties shall not be in breach of their respective obligations to the extent the failure to fulfill any obligation is due to an Uncontrollable Force. "Uncontrollable Force" means an event beyond the reasonable control of, and without the fault or negligence of, the Party claiming the Uncontrollable Force, that prevents that Party from performing its contractual obligations under this Agreement and which, by exercise of that Party's reasonable care, diligence and foresight, such Party was unable to avoid. Uncontrollable Forces include, but are not limited to:

- (a) strikes or work stoppage;
- (b) floods, earthquakes, fire, or other natural disasters; terrorist acts; epidemics, pandemics and

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**DIVISION OF RESPONSIBILITIES STATEMENT**

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- (c) final orders or injunctions issued by a court or regulatory body having competent subject matter jurisdiction which the Party claiming the Uncontrollable Force, after diligent efforts, was unable to have stayed, suspended, or set aside pending review by a court of competent subject matter jurisdiction.

Neither the unavailability of funds or financing, nor conditions of national or local economies or markets shall be considered an Uncontrollable Force. The economic hardship of either Party shall not constitute an Uncontrollable Force. Nothing contained in this provision shall be construed to require either Party to settle any strike or labor dispute in which it may be involved.

If an Uncontrollable Force prevents a Party from performing any of its obligations under this Agreement, such Party shall: (1) immediately notify the other Party of such Uncontrollable Force by any means practicable and confirm such notice in writing as soon as reasonably practicable; (2) use its best efforts to mitigate the effects of such Uncontrollable Force, remedy its inability to perform, and resume full performance of its obligation hereunder as soon as reasonably practicable; (3) keep the other Party apprised of such efforts on an ongoing basis; and (4) provide written notice of the resumption of performance. Written notices sent under this section must comply with Section 7, Notices.

**5. NOTICES**

Any notice or other communication related to this Agreement shall be delivered in person, by email, First Class mail or overnight delivery service to the Technical or Administrative contact set forth above. Notices are effective on the date received.

**6. LIMITATION OF LIABILITY**

Neither Party shall be liable to the other Party for any lost or prospective profits or any special, punitive, exemplary, consequential, incidental or indirect losses or damages under this Agreement.

TVWD is solely responsible to BPA for damage to United States (BPA) property caused by TVWD, and its employees, contractors, and agents. TVWD is also solely responsible for any claims arising out of negligent conduct by its employees, contractors, and agents performing the work described in this Agreement on or at United States-owned (BPA-owned) real property, facilities, or equipment. Any claim for personal injury, death, or property damage against BPA (the United States) must be made in accordance with the Federal Tort Claims Act, 28 U.S.C. §§ 1346(b), 1402(b), 2401(b), and ch. 171. TVWD and its contractors must carry general liability insurance in the amount of at least \$1 million for all performance under this Agreement, and the policy must name the United States/BPA as an additional insured.

**7. COVID-19 PANDEMIC**

Based on the evolving situation with the COVID-19 pandemic, and following the issuance of orders and other guidance by governmental authorities and public health organizations calling for social distancing measures in BPA's service territory, BPA,



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**DIVISION OF RESPONSIBILITIES STATEMENT**

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on August 12, 2020, closed its facilities to nonessential employees and contractors and limited the resources available to perform certain types of work. BPA has now resumed construction work. The future availability of BPA employees and contractors to perform certain types of work under this Agreement may be subject to change based on BPA's future responses to the COVID-19 pandemic.

**8. PROJECT SCHEDULE**

The estimated completion date for this project is [September 1, 2024](#). BPA reserves the right to modify the project schedule by providing written notice to TVWD of the schedule change.

**9. TERMINATION**

This Agreement shall become effective upon execution by both parties and shall terminate upon full performance by both parties of their respective obligations set forth herein, but in no event shall the term of this Agreement exceed five years from its effective date.

FINANCIAL TERMS AND CONDITIONS STATEMENT

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BPA's cost of performing the project at TVWD's expense shall be the actual cost of doing the work specified in this Agreement, plus an overhead rate of 37%, representing the indirect costs of the project office plus the contractual support costs of contract negotiation, billing and accounting functions, and contract management.

TVWD hereby agrees to advance \$996,000, the estimated project cost, to BPA upon execution of this Agreement. Payments made to BPA shall be held in an account established for this Agreement.

If BPA needs additional funds to complete the work at any time during performance of the project, BPA may request, in writing, for TVWD to advance such additional funds to BPA for deposit in the account. TVWD shall advance such additional funds within 30 days of BPA's written request, and BPA may temporarily stop work until TVWD supplies the requested funds. If TVWD does not advance such additional funds by the due date or, if at any time before completion of the project TVWD elects to stop work under this Agreement, BPA has the right to cease all work and restore, as a cost to the project at TVWD expense, government facilities and/or records to their condition prior to the beginning of work under this Agreement.

Within a reasonable time after completion of the project, or if this Agreement terminates because BPA has decided not to proceed after completing its NEPA review, BPA shall make a full accounting to TVWD showing the actual costs charged against the account. BPA shall either remit any unexpended balance in the account to TVWD or bill for any costs in excess of the deposits in the account. TVWD shall pay any excess costs within 30 days of the invoice date (due date).

Payments not received by the due date will accrue interest on the amount due beginning the first calendar day after the due date to the date paid, at an annual interest rate equal to the higher of i) the prime rate (as reported in the Wall Street Journal in the first issue published during the month in which payment by TVWD is due) plus 4 percent; or ii) such prime rate multiplied by 1.5.

# Willamette Water Supply

*Our Reliable Water*

## 4.A. Approve PLM\_1.3 BPA Engineering and Construction Agreement Amendment – Joelle Bennett

WWSS Commission Board Meeting  
October 6, 2022

1

## PLM\_1.3 – Ridder Road Area

- Coordination with BPA on the Ridder Road alignment since approx. 2014
- BPA buried infrastructure connects the two substations
- Construction will be closely coordinated
- Allows for typical open-trench pipeline installation
- Appurtenances will be located on BPA property



2

## Estimated Partner Shares

Estimated Partner Shares	Total 100%	Total \$996,000 <sup>2</sup>
TVWD Estimated Share <sup>1</sup>	58.92%	\$586,843.20
Hillsboro Estimated Share <sup>1</sup>	36.09%	\$359,456.40
Beaverton Estimated Share <sup>1</sup>	4.99%	\$49,700.40

<sup>1</sup> Based on PLM\_1.3 project ownership percentage from WWSS IGA.

<sup>2</sup> Agreement cost will be funded from project contingency

3

### 4.A. Requested Board Action

Consider adopting Resolution No. WWSS-07-22, approving an amendment to the agreement on behalf of the Willamette Water Supply Commission between the Tualatin Valley Water District and Bonneville Power Administration (Agreement Number 21TP-12325) for utility relocations.

4

## **STAFF REPORT**

**To:** WWSS Board of Commissioners  
**From:** Joelle Bennett, P.E., WWSP Assistant Program Director  
**Date:** October 6, 2022  
**Subject:** Anticipated Business Agenda Items for the December 2022 Meeting of the WWSS Board of Commissioners

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### **Key Concepts:**

The next Willamette Water Supply System (WWSS) Commission Board meeting agenda is anticipated to include staff recommendations for the following business agenda item:

1. WTP\_1.0 Materials Testing & Special Inspection

### **Background:**

There is one anticipated business agenda item for the December 1, 2022, meeting of the WWSS Board of Commissioners. Due to the dynamic nature of the WWSS work, request for approval of some items may be delayed or new items may emerge on the business agenda for the next meeting. WWSS staff strive to provide preliminary information one meeting prior to requesting action and a full staff report describing the recommended action during the appropriate month.

1. WTP\_1.0 Materials Testing & Special Inspection

WWSS is procuring a contractor to provide materials testing and special inspection services during the construction of WTP\_1.0. Four firms have been prequalified to propose on the work. The estimated value of the work is \$2.5 M and the cost is included in the WTP\_1.0 Baseline 7.0 budget. The request for proposals was published on August 22 and responses were due September 27.

At the December WWSS Board meeting, WWSP staff plan to present the proposed contract with a recommendation to the Board for approval.

### **Budget Impact:**

Anticipated costs for the actions described in this staff report are reflected in the WWSP FY2023 budget.

### **Staff Contact Information:**

Dave Kraska, P.E., WWSS General Manager, 503-941-4561, david.kraska@tvwd.org  
Joelle Bennett, P.E., WWSP Assistant Director, 503-941-4577, joelle.bennett@tvwd.org

### **Attachments:**

- Approvals and Procurement Forecast (October 2022 – December 2022)

# Willamette Water Supply System Commission

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**Approvals and Procurement Forecast: September 2022 through December 2022**

This report provides a four-month projection of (1) forthcoming actions under the WWSS Management Authority Matrix and (2) ongoing and forthcoming procurements.

a = Actual date  
e = Email approval  
FC = Finance Committee  
LCRB = Local Contract Review Board  
MC = Management Committee  
N/A = Not applicable  
OC = Operations Committee

Rec. = Recommendation  
t = Tentative date  
TBD = To be determined; sufficient information not available to project a date  
Note: Dates in red text indicate meetings needed outside the normal meeting schedule

Type	Description	Projected Action	Body/Position (projected action date)		
			Program Director	WWSS Committees	WWSS Board
<b>Program Baseline or Related Plans</b> (above Program Director's Authority)	1. None	Approve	N/A	N/A	N/A
		Execute	N/A	N/A	N/A
<b>Real Estate</b>	2. None	Approve	N/A	N/A	N/A
<b>IGAs, MOUs, Permit Commitments, &amp; Similar Agreements</b>	3. DCS_1.0 Sherwood Broadband Services IGA	Approve	N/A	MC: 3/18/2021 a	4/1/2021 a
		Execute	10/31/2022 t	N/A	N/A
	4. PLW_1.3 Pahlisch developer agreement	Approve	N/A	N/A	N/A
		Execute	9/19/2022 a	N/A	N/A
	5. PLM_1.3 BPA Engineering and Construction Agreement	Approve	N/A	9/22/2022 a	10/6/2022 t
		Execute	10/31/2022 t	N/A	N/A
<b>Contracts</b> (above Program Director's Authority)	6. WTP_1.0 Materials Testing & Special Inspection <ul style="list-style-type: none"> <li>Goal: Quality Control WTP_1.0</li> <li>Value: \$2.5M (Estimated)</li> <li>Contractor: TBD</li> </ul>	Approve	N/A	MC: 10/20/2022 t	12/1/2022 t
		Execute	12/9/2022 t	N/A	N/A
<b>Contract Amendments and Change Orders</b> (above Program Director's Authority)	7. RWF_1.0 GMP 2 for Construction <ul style="list-style-type: none"> <li>Goal: Construct RWF_1.0</li> <li>Value: \$61.9 M</li> <li>Contractor: Kiewit</li> </ul>	Approve	N/A	MC: 8/18/2022 a	9/1/2022 a
		Execute	9/2/2022 a	N/A	N/A
<b>Local Contract Review Board (LCRB) Actions</b>	8. None	Approve	N/A	N/A	N/A
<b>Other</b>	9. Operations Staffing Plan Evaluation <ul style="list-style-type: none"> <li>Goal: O&amp;M Staffing Plan Evaluation</li> <li>Value: \$111,518</li> <li>Contractor: Brown and Caldwell</li> </ul> *This item is here for awareness	Approve	N/A	N/A	N/A
		Execute	9/20/2022 a	N/A	N/A

# Willamette Water Supply System Commission

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**Willamette Water Supply System Commission  
Board Meeting**

**October 6, 2022**

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