

## Our Future Water Supply

The Willamette Water Supply System Commission (WWSS Commission) is an Oregon intergovernmental entity formed by Tualatin Valley Water District (TVWD), the City of Hillsboro, and the City of Beaverton. The WWSS Commission was formed to own, operate, manage and maintain the WWSS. TVWD has been designated the Managing Agency for the WWSS Commission, and TVWD operates the Willamette Water Supply Program (WWSP) to plan, design, and construct the WWSS. The WWSS will provide an additional resilient water supply for Washington County. When complete, the WWSS will be one of Oregon’s most seismically-resilient water systems—built to better withstand natural disasters, protect public health, and speed regional economic recovery through restoring critical services more quickly. The new system will be completed by 2026.

# Willamette Water Supply

## Our Reliable Water

Monthly Progress Report

Month End August 2023

### Operations Planning Sets WWSS Up for Success

The Willamette Water Supply Program (WWSP) has considered long-term operations of the Willamette Water Supply System (WWSS) since the beginning of the design phase. Doing so helped guide the design and now construction of the WWSS toward creating facilities, pipelines, and related appurtenances that can be operated reliably, efficiently, and safely.

For years now, the WWSP team has been developing an Operations Plan (Plan) that will serve as the guiding document for WWSS operations. There are five working groups composed of staff from the partnering agencies and the WWSP currently preparing the Plan in advance of system commissioning.

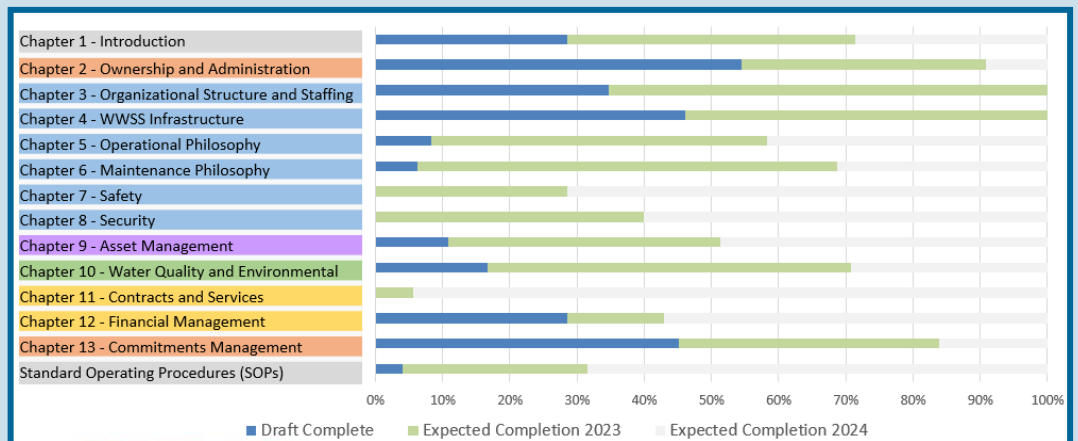
When the WWSS is commissioned and brought online, the Plan will cover all aspects of operating the new water system, including:

- Administration and decision making
- Staffing and equipment
- Safety and security
- Water quality management
- Systems operations
- Asset maintenance and management
- Permitting obligations and regulatory compliance
- Easement management
- Emergency preparedness
- Information technology (IT) infrastructure and data management standards

Current focus areas for Plan development include overall system operational philosophies, software procurement for long-term water quality data management, financial procedures, implementation of asset management software, and development of standard operating procedures (SOPs). SOPs are documents that inform operators how to run components of the system to maintain consistency and a high level of service.

In mid-2025, the operations planning team anticipates bringing the draft Plan to the WWSS Board of Commissioners for approval prior to commissioning and startup of the new system. Operations planning efforts will continue beyond 2026 for continued improvement in operations reliability and efficiency.

### Operations Plan Progress To-Date



## Project of the Month

The WWSP is well underway with all projects currently in the construction phase or complete. The photos below highlight the Raw Water Facilities Expansion project (RWF\_1.0). Additional information on the project is available at <https://www.ourreliablewater.org/rawwater/>.



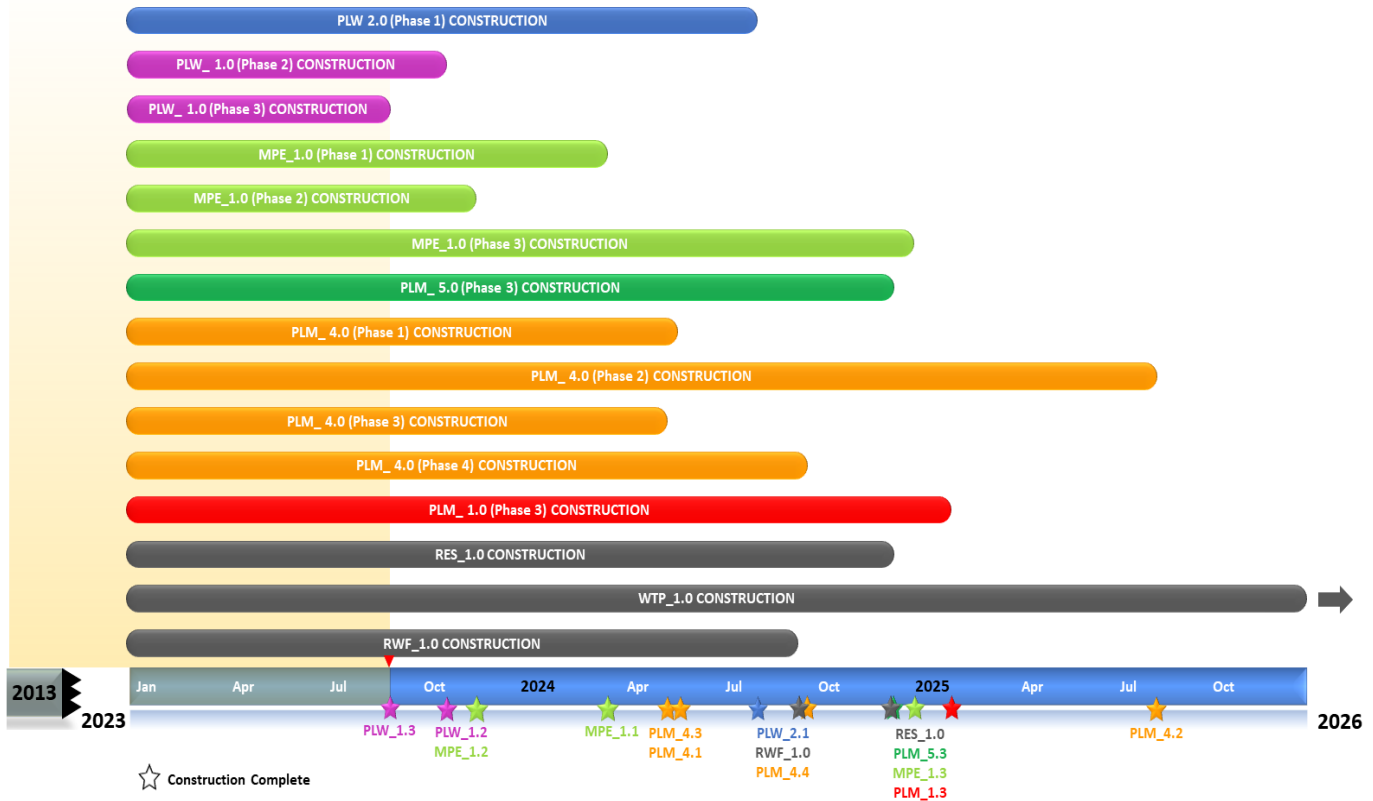
Upper site electrical building with lower one-third air barrier membrane applied



Upper site electrical building roof joist system

## Schedule Summary

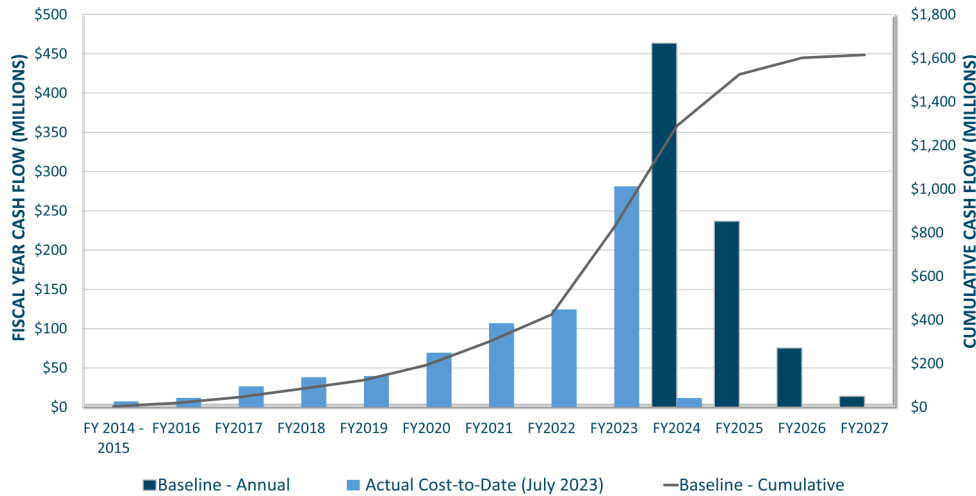
WWSP design and planning began in 2013; the Willamette Water Supply System is expected to be in service by July 2026. Below are the major milestones and activities forecasted from 2023 to 2026\*. The WWSP team is committed to on-time delivery. See page 4 for descriptions of the projects referenced below.



\*The actual duration of projects continues to be refined and is subject to change.

## Forecast Cost Summary

The graph below illustrates the projected WWSP cash flow by fiscal year (FY July 1 to June 30)\*. The cumulative cash flow establishes the budgeted \$1.6 billion, which accounts for actual and current projected costs, including projected escalation in the cost of labor, materials, and equipment required to build WWSP projects.



Costs to date for FY 2024 are \$12 million. Cumulative costs are projected to be \$1.18 billion through the end of FY 2024.

\*Current program forecast at completion may vary from baseline cumulative budget due to interim approved changes.

## Cumulative Cost Summary

WWSP cumulative costs are tracked and updated monthly. The chart below summarizes the distribution of cumulative costs through July 2023.

**Cumulative Water Supply Program costs to date are approximately \$717.6 million, with the majority spent on planning, engineering, and construction.**

