

Willamette Water Supply

Our Reliable Water Future



Water is Essential

In the Willamette Valley, communities are fortunate to have access to good drinking water. Here, it is easy to take water for granted. Every day, people turn on their taps and get clean, safe water. We don't often think about what can't be seen—the sources of water and the infrastructure that treats and delivers safe water to our homes and businesses.

Water is delivered to customers year-round, 24 hours a day, for drinking, public health, fire protection, and other uses by residents and businesses—*while protecting the environment.*

Our Future Water Supply

Tualatin Valley Water District (TVWD) and the City of Hillsboro are partnering to develop the mid-Willamette River at Wilsonville as an additional water supply source. Other water providers in the region may choose to participate. There is enough water for today—but steps need to be taken now to have an adequate supply to meet future demands and provide greater safety and reliability. **Developing an additional water supply through a partnership supports the region's plans for responsible growth within the urban growth boundary.**



Water conservation programs and newer, water-efficient appliances mean Washington County homes and businesses are using 15% to 20% less water than a decade ago. But conservation alone is not enough to meet this future demand.

Protecting Water Quality—Source to Tap

Safe drinking water is our top priority. Your drinking water will be monitored and protected, from source to tap.



Source

Our drinking water sources are protected by strict laws and monitored for quality.



Filtration and More

Filtration and advanced treatment will remove impurities and disinfect to produce the highest water quality, and it will be tested daily.



Storage and Water Lines

Filtered and treated water will be delivered to our homes and businesses through a series of storage tanks and water lines, where it is tested again.



Tap

From source to tap, your water will be protected, filtered, and monitored.

Why the Willamette River?

The mid-Willamette River at Wilsonville offers significant benefits: additional supply, high quality and safe finished water quality, local ownership and control of the supply, year-round reliability, and value.

Water Delivery System

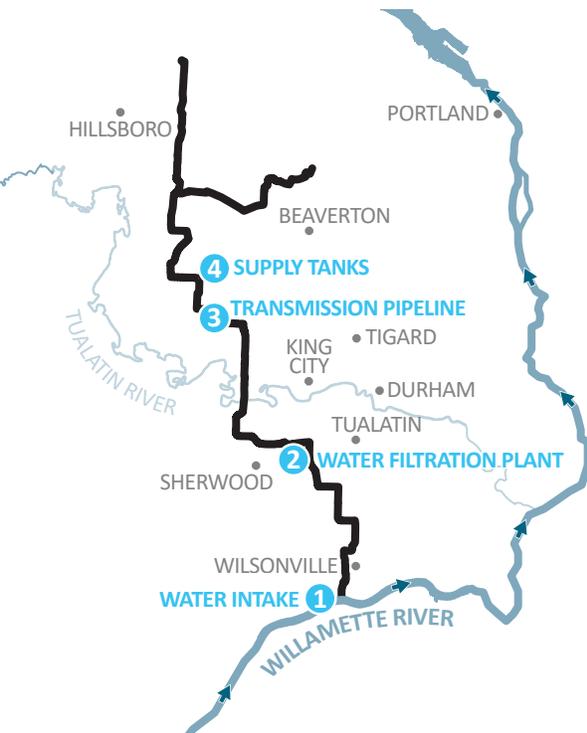
Design and construction of the water delivery system is underway.

The system includes:

1. Modified intake on the Willamette River at Wilsonville
2. A state-of-the-art water filtration facility near Sherwood
3. 30+ miles of water lines built to modern seismic standards, using existing public rights-of-way in most locations and partnering with road projects when possible
4. Water supply tanks on Cooper Mountain



The Willamette Water Supply Program will put hundreds of people to work, promoting Washington County's economy.



Project Costs

The project cost estimate is \$1.2 billion. TVWD and Hillsboro share the costs based on the amount of water received. Currently, TVWD pays 60% and Hillsboro 40%. Any new partners would pay their proportional share. The Program has been in design and construction for four years and is on schedule and budget.

A combination of methods fund the project:

- **Cash reserves**—money that has been saved to pay for the project.
- Current business and residential customer **rate increases**.
- **Borrowing money**—repaid by customers over many years, so future water customers share the cost.
- **System development charges** paid for by new development.

We also seek loans with low interest and/or flexible payback options to help keep rates as low as possible.

Program Timeline

The new Willamette water source supply will be online in 2026.

2012-2013		2014-2016		2016-2025			2026-Ongoing	
Supply Studies COMPLETED	Preliminary Planning COMPLETED	Design, Permitting and Construction UNDERWAY			Willamette Water Supply System Online			
Ongoing water conservation programs								
Pipeline construction coordinated with road improvements								

Learn More

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