

# 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), the City of Hillsboro and the City of Beaverton are partnering to develop the mid-Willamette River at Wilsonville as an additional water supply source. 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.



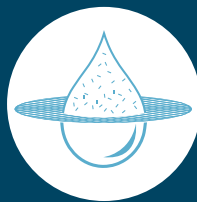
## Protecting Water Quality—Source to Tap

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 storage tanks on Cooper Mountain



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



## Project Costs

The project cost estimate is \$1.6 billion. TVWD, Hillsboro and Beaverton share the costs based on the amount of water received. The Program has been in design and construction for six years and is on schedule and budget. A combination of methods to 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 also pay for the system.
- **System development charges** paid for by new development.

TVWD and Hillsboro are utilizing EPA's Water Infrastructure Finance and Innovation Act loans (WIFIA) to finance nearly half of the project cost—\$638 million. The WIFIA loans will save TVWD an estimated \$138.4 million and the City of Hillsboro an estimated \$125.2 million compared to typical financing, which significantly reduces the rate impacts to customers.

## 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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