

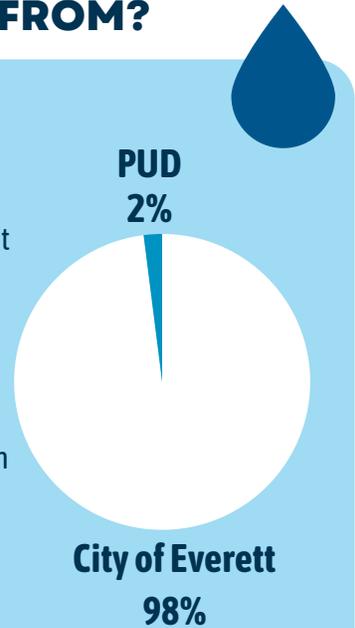
WATER SYSTEM



WHERE DOES OUR WATER COME FROM?

City of Everett water comes from Spada Reservoir, which holds about 50 billion gallons of water! It's located 30 miles east of Everett in the Sultan Basin Watershed. From Spada Lake the water flows through 7 miles of tunnels and pipelines to the Everett water treatment facility at the Chaplain Reservoir. Then it comes to us through the transmission line in the north end of town.

Snohomish PUD water comes from two wells located at a treatment facility northeast of downtown Lake Stevens. The water is blended with water from the City of Everett in the distribution system. PUD water is supplied to the City of Snohomish through a system intertie located on Robe Menzel Road in Granite Falls. This water serves customers located on the transmission line, outside of City limits.



The water system requires qualified staff to operate and maintain it, and an ongoing capital improvement program to replace old components to meet the requirements mandated by federal and state laws.

City water department staff are trained and required to maintain a current operators license issued by the Washington State Department of Health.

Improvements to the water distribution system are necessary, primarily to resolve existing system deficiencies, but also to accommodate the increase in water demands due to growth.

The oldest parts of the system were installed in the 1920's to 1930's and is reaching the end of its expected life. The city has focused on strategic programs to ensure the long term efficiency and public safety of the water system:

- Rebuilding the water distribution system based on condition, priority and need.
- Installation of specially designed sample stations to ensure water quality throughout the system.

HOW IS THE WATER SYSTEM MANAGED?

Testing. The water is regularly and routinely tested to safeguard against possible contamination. Samples are collected monthly at strategic locations within the distribution system for Coliform bacteria. Chlorine residual, pH, and water temperature are also monitored to ensure drinking water safety. The City of Snohomish's water quality meets and exceeds the highest water quality standards in Washington State.

Cross Connection Control. Backflow is the undesirable reversal of water flow and can occur during a drop in pressure, such as a water main break or fire (both events can put a large demand on the system). This makes contamination a possibility. The City of Snohomish, through proper program management and enforcing best practices and precautions works to eliminate or control all potential and actual cross connections within the water distribution system.

Water Use Efficiency Program. The City of Everett administers a regional water use efficiency program that we participate in. Our current water use efficiency program includes such activities as school education, indoor and outdoor water conservation kits, leak detection kits and support, and indoor/outdoor commercial water audits. Through these efforts, we have saved more than 7.95 million gallons per day (MGD)—enough water to fill 179,221 bathtubs a day!

DID YOU KNOW?

The City's water service area contains about **67 miles** of water main!

Learn more about the City's water system: www.snohomishwa.gov/225/Water-Quality-Report

