



CITY OF WARDEN

WATER PURVEYOR PROFILE

The City of Warden has four wells. Two that pump from the Wanapum Aquifer and two from the Grande Ronde Aquifer. With the two Wanapum Aquifer wells on the western side of Warden, in close proximity to the East Low Canal, the City will intermittently get EDB (Ethylene Dibromide) spikes in one or both wells in early spring. Having two wells situated on the eastern side of the community allows for the main pump to be shifted as needed.

With the city economy reliant on the agricultural industry, including food processing it is vital to provide potable water to the community and the industries.



MAJOR ISSUES

- Aging infrastructure, i.e., steel water mains, booster station, and reservoir rehabilitation

IMMEDIATE NEEDS

- Replacement of steel water mains (25 miles)
- Reservoir interior coating replacement
- Seismic rehabilitation for reservoirs
- Undersized water mains, fire flow deficiencies

PUBLIC SAFETY

Aging infrastructure and associated funding availability

The City of Warden is fortunate to have acquired additional water rights in 2001 with an expected comfort level past 2043. The largest concern is the aging infrastructure, i.e., steel water mains, booster station, reservoir rehabilitation, and the associated funding availability and costs that pose a burden for a small number of connections in our community.

WATER SOURCES

WELL SO3 (AKA WELL 6)

*Current Output: 1,200 GPM
Depth: 830'
Grande Rhode Aquifer*

WELL SO4 (AKA WELL 7)

*Current Output: 1,400 GPM
Depth: 857'
Grande Rhode Aquifer*

WELL SO5 (AKA WELL 8)

*Current Output: 1,700 GPM
Depth: 507'
Wanapum Aquifer*

WELL SO6 (AKA WELL 9)

*Current Output: 2,500 GPM
Depth: 505'
Wanapum Aquifer*

The City records water levels. Warden has not seen near the drastic drops in water levels as other neighboring communities.

FAST FACTS

Service Population: 2,750
Median Income: \$38,883
Water Rate:
\$37.89 base rate / 10,000 gallons
Growth Rate: 1% per year
Main Industry: Agriculture

CONTACTS

Kristine Shuler
City Administrator
kshuler@cityofwarden.org
509-349-2326

www.cityofwarden.org