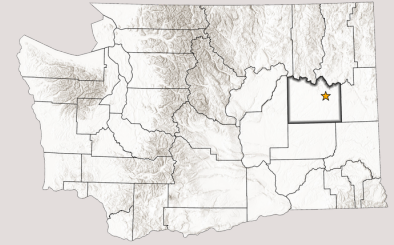




CITY OF DAVENPORT

WATER PURVEYOR PROFILE

Low pressure is a consistent issue for Davenport. Some residences experience low pressure, and the town lacks robust fire protection. Davenport is considering new reservoir with a booster station and upsizing certain mains to increase pressure.



MAJOR ISSUES

- Lack of Water Storage Facilities
- Insufficient Funding for Projects
- Aging Wells
- Low Water Pressure
- Ability to Meet Summer and Peak Water Demand

IMMEDIATE NEEDS

- Reservoir: one existing reservoir is over 100 years old (50K gal), and it would be better to have 150,000-gallon reservoir
 - Additional drilling for a new well
 - Upsized piping to deliver higher pressure and add fire protection
- Cost estimates for a new reservoir and well is \$4.1 million, which will likely be funded through low interest loans.*

PUBLIC SAFETY

Meeting peak and summer demand has increasingly become a concern.

Davenport relies on two active wells for potable water. The town has three wells, but one has been inactive since 1995. S06 produces more water and works well with routine maintenance. Davenport also relies on S07 to supplement S06, but it is not as productive and runs continuously in summer.

Davenport is concerned about running S07 consistently through summer and peak demand, as too much draw down could cause the well pump to cavitate. With low water pressure already occurring, staff are in the process of getting estimates to rehabilitate S07 to increase production rather than drill a new well at this time.

Static Water Levels for Davenport Wells

DATE	S06	S07
Jan 2017	244.8'	263.7'
Jan 2018	241.3'	249.7'
Jan 2019	241.4'	261.4'
Jan 2020	242.9'	257.1'
Jan 2021	241.7'	259.0'

WATER SOURCES

WELL S06

*Current Output: 1400 GPM
Depth: 1000'
Static Level: 245'*

WELL S07

*Current Output: 500 GPM
Depth: 959'
Static Level: 263'*

“ Residents of Davenport have and will continue to work together to find lasting solutions to meet peak water demands and provide fire protection as wildfires become an increasing concern in the region. ”

FAST FACTS

Service Population: 1,745 residents
Median Income: \$65,000
Water Rates: \$37.00 per 1,000 cf
Additional Rates: Overage fees for usage when applicable (Rates are raised between 1.5 – 3% depending on the year to save for project costs)
Growth Rate: 1% per year
Main Industries: Education, Healthcare, and Construction

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