

Static Water Pressure Project

Our water system is currently pressurized by our water tower located at the corner of 1st and “D” Streets.

The pressure is approximately 42 psi, which more than meets the State of Oregon’s minimum requirement of 20 psi. However, over the years, residents and businesses have expressed concern to Staff members and Council about the City’s water pressure, and have indicated a desire to increase the pressure to better serve their homes and businesses.

Two options the City is considering are:

1. The first option would be to install a pressure boosting lift station to increase the pressure. This option would provide continuous pressure to our water system at approximately 55 psi, and would cost approximately \$100,000.00 to install. However it comes with the caveat of the potential for significantly higher annual maintenance and operation costs.
2. The second option is to retrofit the existing water tower by raising it to a height which would achieve the higher psi. Each foot that the tower is raised increases the pressure by approximately 0.43 psi. It is estimated the tank would need to be raised between 20-25 feet. This option would also include a seismic upgrade for the elevated tank. The estimated cost is \$1,000,000.00. Once constructed, the annual operation and maintenance costs would remain comparable to our existing system.

Council will make the final decision which option to pursue in the future.