

# Drinking Water State Revolving Fund



## City of Mabton

### Reservoir and System Improvements Project



*New 1-million-gallon reservoir*

In 2015, the City of Mabton used a Drinking Water State Revolving Fund (DWSRF) loan to add a new 1-million-gallon (MG) reservoir, upgrade the chlorination system, and install a generator on the main water supply well. The new reservoir provides system redundancy when the city's other reservoir is out of service for maintenance and equalization storage to minimize demand on the wells. It also reduces the time booster pumps operate due to its higher finished elevation. The city expects to save about \$25,000 per year with reduced booster pump operations.

The chlorination system improvements allow chlorine to feed automatically no matter which well is in operation. With these upgrades, the city can maintain adequate chlorine residuals at all times. The generator installed at the city's main water supply well will ensure continued water delivery during a power outage.

We awarded a \$1,533,180 DWSRF construction loan to the City of Mabton. The project cost more than the DWSRF loan amount and the city secured

additional funding with a Community Development Block Grant and Rural Development grant/loan package.

#### Public health and environmental benefits

The City of Mabton can provide safe and reliable drinking water with the new reservoir and chlorine system upgrades. The new reservoir lowered expenses by reducing the time the booster pump station operates. The city also is more resilient because the new generator will allow continued water service during a power outage.

#### Want to learn more?

More DWSRF success stories are available at <http://www.doh.wa.gov/DWSRF.aspx>



*New chlorination system controls*

For people with disabilities, this document is available on request in other formats. To submit a request, please call 1-800-525-0127 (TDD/TTY call 711).