

## Phase I Project Improvements Include:

Upon completion of the AMI phase of the project, the City of Wheatland's water system will provide better operating capabilities that result in better service and helpful information to water customers.

Some of these benefits are as follows:

- Meter reading will be automated and no longer require monthly readings by Public Works staff. This will allow Public Works to spend more time on the maintenance of the city's water system and other infrastructure.
- AMI provides real time information relative to water consumption within the system, which gives the city the ability to detect leaks and system failures sooner.
- Real time water consumption information will help customers better understand and manage their own water consumption.



## For information contact:

**Ray Leftwich, Project Manager**  
**leftwich@coastlandcivil.com**  
**(530) 615-0379**

# THE WHEATLAND COMPREHENSIVE DRINKING WATER PROJECT

We are in a year of extreme drought, and water conservation is critical. This project includes installing new meters throughout the City of Wheatland which will improve everyone's ability to monitor water use and more quickly identify leaks requiring repair (in days - versus months when compared to the existing system). It will reduce water and power consumption, and rehabilitate the city's drinking water system, modernizing it, improving reliability and increasing community awareness of water consumption to encourage conservation.

The project will be delivered in two phases:

### Phase 1

Installation of system-wide water meter automation upgrades including Advanced Metering Infrastructure (AMI), allowing remote, real-time meter reading through radio and cell signals.

### Phase 2

Rehabilitation of the historic elevated water storage tower to remove it from service but maintain its position as a historic landmark; upgrading the aging water control system called "SCADA", which remotely controls the city's groundwater wells; and adding booster pumps to maintain adequate water pressure throughout the system.

This project will improve the function and reliability of the City of Wheatland's aging water supply system, which currently serves approximately 3,800 people. The system modernization will allow for growth while still maintaining Wheatland's self-reliance.

This \$1.36M project is made possible with 50-50 funding support from the Department of Water Resource's Proposition 1 Integrated Regional Water Management Program and Yuba Water Agency. The project is 100% grant funded so there's no cost to the City of Wheatland or its water customers.

Phase 1 of the project to install AMI is currently underway with the City's contractor, Keystone Utilities. Keystone completed a thorough audit of all water meters within the City in August 2021 to confirm meter sizes and to document the existing condition of each meter connection and meter box. The next phase will be to perform a test installation project of 20 meters to ensure that the new system operates correctly, followed by replacement of all 1,212 water meters in the City. Replacement of the first half of the meters will commence on May 31st, with replacement of the remaining meters contingent upon delivery of additional meters and equipment that is anticipated to occur in August 2022.