

WATER FUTURE INITIATIVE

BORROWER: City of Roseville

LOCATION: Roseville, California

WIFIA LOAN AMOUNT: \$33 million

TOTAL WIFIA PROJECT COSTS: \$68 million

POPULATION SERVED BY PROJECT: 141,500 people

NUMBER OF JOBS CREATED: 218 jobs



Roseville, CA

PROJECT DESCRIPTION

The Water Future Initiative will improve the system's drought resilience and increase drinking water supply by providing additional storage of recycled water for the City. The project will construct a new 12 million gallons per day (MGD) tertiary filtration system and use innovative technology to pilot a carbon-based advanced treatment train to recycle water for reuse. It will also expand Roseville's Aquifer Storage and Recover Program with six new well sites to store the recycled water in the aquifer, protecting the water supply from the impacts of climate change while promoting statewide water conservation.

PROJECT BENEFITS

- Diversifies drinking water supplies and improves reliability, reducing impacts of drought due to climate change.
- Promotes water reuse in a water constrained region by advancing an alternative water recycling technology.
- Provides greater flexibility for operations of Folsom Lake by storing flood water for beneficial uses locally.
- Saves the City of Roseville an estimated \$8 million from financing with a WIFIA loan.