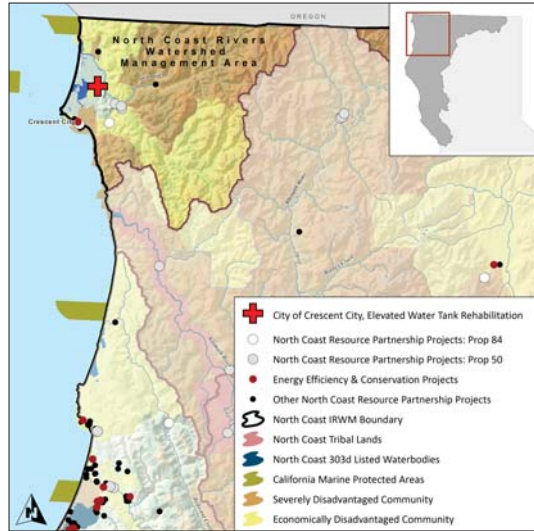


Agricultural Water Conservation and Water Supply Reliability Program — Elevated Water Tank Rehabilitation (Wonder Stump Road)

CITY OF CRESCENT CITY



COMPLETION DATE

July 2017

STATEMENT OF THE PROBLEM

A water tank installed in 1958 is unstable under seismic loading, does not meet current safety standards, and needs upgrades to prevent contamination. Further, the water tank provides pressure for the entire water distribution system. Tank failure would result in nearly complete disruption of water deliveries and potential cross contamination, impacting water quality.

PROJECT GOALS

- Prevent water system disruption
- Improve and protect water quality
- Improved safety conditions of elevated water tank and associated infrastructure
- Water conservation

THE SOLUTION

This project will seismically retrofit and perform health and safety upgrades to the existing 50,000 gallon welded steel elevated water tank. The retrofits are in three categories: structural to make the tank more resistant to seismic activity, safety to meet all current standards, and upgrades to prevent potential water quality degradation.

PROJECT IMPLEMENTATION

Project design was completed in late 2016 and construction will occur through summer 2017.

PROJECT BUDGET

IRWM funds:	\$ 438,060
Leveraged funds:	\$ 146,020
TOTAL	\$ 584,080

BENEFITS

Economic benefits

- Approximately \$834,252 every twenty years in increased water supply reliability
- Approximately \$415,920 in avoided water supply projects
- Avoided property damage from wild fires

Water Supply

- Increased water supply reliability for 3,659 households

Jobs and Local Economic Benefits

- Approximately \$584,000 dollars will be spent locally whenever possible
- About 4 jobs created/maintained

NEXT STEPS

Crescent City will continue to repair and improve water supply infrastructure to continue to deliver high quality, reliable water supply to its customers.

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