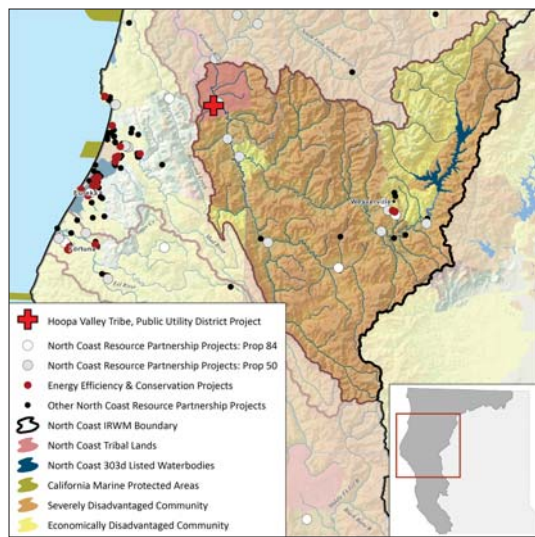


Hoopa Valley Public Utility District Conservation Project

HOOPA VALLEY TRIBE



COMPLETION DATE

February 28, 2018

STATEMENT OF THE PROBLEM

The District cannot account for half of the water it produces, which is likely due to the meters being old and under-recording the water consumption. Additionally, the water meters do not meet federal safety requirements for lead content.

PROJECT GOALS

- Ensure high quality water supply reliability
- Promote economic vitality in a state-recognized Disadvantaged Community
- Increase community capacity to respond to drought

THE SOLUTION

The Hoopa Valley PUD will replace over 900 aging, inefficient water meters and obtain leak detection equipment to help identify and mitigate system losses.

PROJECT IMPLEMENTATION

Meter replacement began in May 2016 and is expected to be complete by December 31, 2017. Ongoing, HVPUD field crews will read meters on monthly basis and effectively track through month end data on the MOM accounting system.

PROJECT BUDGET

IRWM funds: \$ 131,253
TOTAL \$ 131,253

BENEFITS

Economic benefits

- Approximately \$5,600 per year in environmental water supply saved through demand reduction and leak repair, which will leave more water instream in the Lower Trinity River
- Avoided water treatment costs of approximately \$4,800 per year
- Operations and maintenance costs are expected to drop by about 10%

Water Quality

- Improved water quality due to new meters and fittings, which do not impart lead into the drinking water supply

Water Supply

- Improved water supply reliability through demand reduction

Habitat and Ecosystem function benefits

- Species protection for coho salmon (*Oncorhynchus kisutch*), which will experience improved habitat because of water left instream during critical summer months

Cultural benefits

- Tribal cultural and subsistence sustainability with improvements to coho and other fisheries habitat
- Conflict reduction by lessening conflicts between environmental and other beneficial uses of water through leaving more water instream
- Improved community capacity to adapt and respond to challenges associated with climate change

Jobs and Local Economic Benefits

- Over \$100,000 spent locally using local supplies and labor when possible
- At least 1 job created/maintained

NEXT STEPS

The Hoopa Valley Public Utilities District will continue to improve aging infrastructure and improve water quality and supply reliability for the Hoopa Valley community.

CONTACT

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