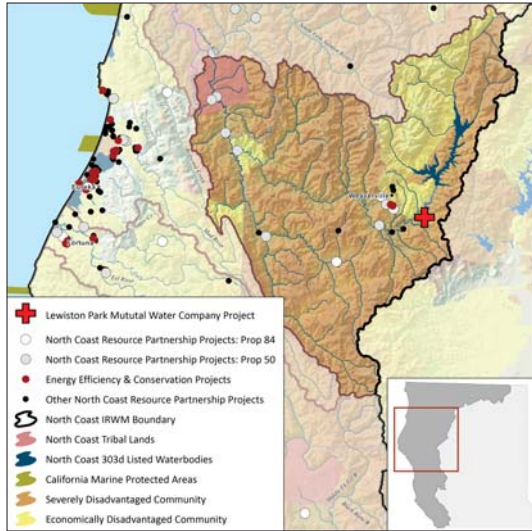


# Lewiston Valley Drinking Water Intertie Pipeline

## LEWISTON PARK MUTUAL WATER COMPANY (LPMWC)



### COMPLETION DATE

July 31, 2017

### STATEMENT OF THE PROBLEM

The community of Lewiston is served by two private drinking water suppliers that obtain water from the Trinity River and from five groundwater wells. In 2014, after several years of drought, summer well production had dropped about 44% and it was necessary to pump Trinity River water during summer months. The surface water treatment plant is so old, that any time river water is used, Boil Water Notices must be issued to customers. If no action is taken, residents will be severely rationed and the town will be more vulnerable to forest fires.

### PROJECT GOALS

- A safe, reliable water supply for the community of Lewiston
- Community resiliency to drought and forest fires, which are expected to increase in frequency and intensity due to climate change

### THE SOLUTION

This project consists of an intertie that would provide water security to the community by allowing the two water companies to share water supplies during drought, fire, or other emergencies.

### PROJECT IMPLEMENTATION

Project design and permitting are complete and construction is ongoing, with completion planned by July 31, 2017.

### PROJECT BUDGET

IRWM funds: \$ 558,000  
**TOTAL \$ 558,000**

### BENEFITS

#### Economic benefits

- About \$5,000 yearly in avoided water treatment costs
- A one-time benefit of approximately \$1,600,000 in increased property values for homes that have been devalued due to sustained Boil Water Notices for six months each year
- Approximately \$106 yearly from instream beneficial uses
- Avoided water treatment costs of about \$500 per year

#### Water Quality

- Improved drinking water quality; Boil Water Notices reduced or eliminated

#### Water Supply

- Water supply reliability during times of drought, fire, or other emergency events

### Habitat and Ecosystem function benefits

- An estimated 1.33 acre-feet of water per year increased instream flow in the Trinity River
- Species protection of coho (*Oncorhynchus kisutch*), which will benefit from increased instream flow during critical summer months

### Cultural benefits

- Fire risk reduction due to increased water availability
- Community resiliency towards future drought and fire events

### Jobs and Local Economic Benefits

- Over \$500,000 spent locally using local supplies and labor when possible
- About 3 jobs created/ maintained

### NEXT STEPS

With all upgrades to the water system complete, Lewiston Park Mutual and Lewiston CSD will support each other in times of water shortage and emergencies. Both are small water purveyors, but together they will have increased water supply sources and treated water storage to keep water quality consistent, prevent outages, and provide water for firefighting.

### CONTACT

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