



Efficiency Metering – West Side Ventura

Ventura River Watershed

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Water Utility Manager**



Project Description

- **3500 fully AMI/AMR capable meters**
- **Fixed network AMI system and data collection units (DCU's), associated repeater radios/towers and electrical equipment**
- **Mobile radio interrogators for mobile drive by mode, in the event of loss of data collection units**
- **Data transfer systems to transfer data to the Ventura Water Meter Data Management System**
- **Software to operate and communicate with billing software**

Est. Project Cost & Grant Requested Amount (DAC): \$1.7 M



Advanced Metering Infrastructure Systems (AMI)





Disadvantage Community

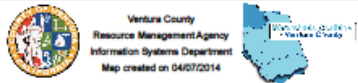
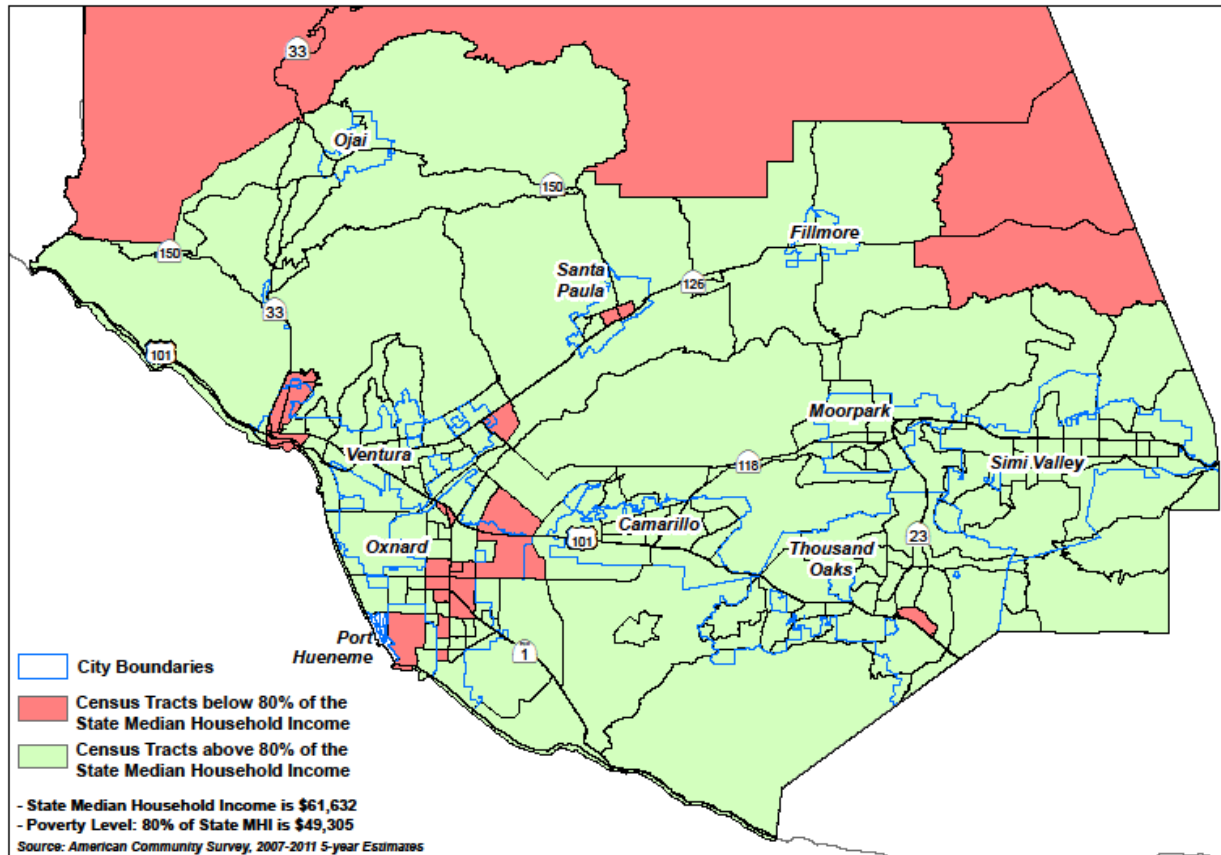
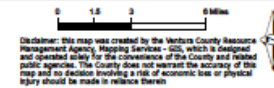
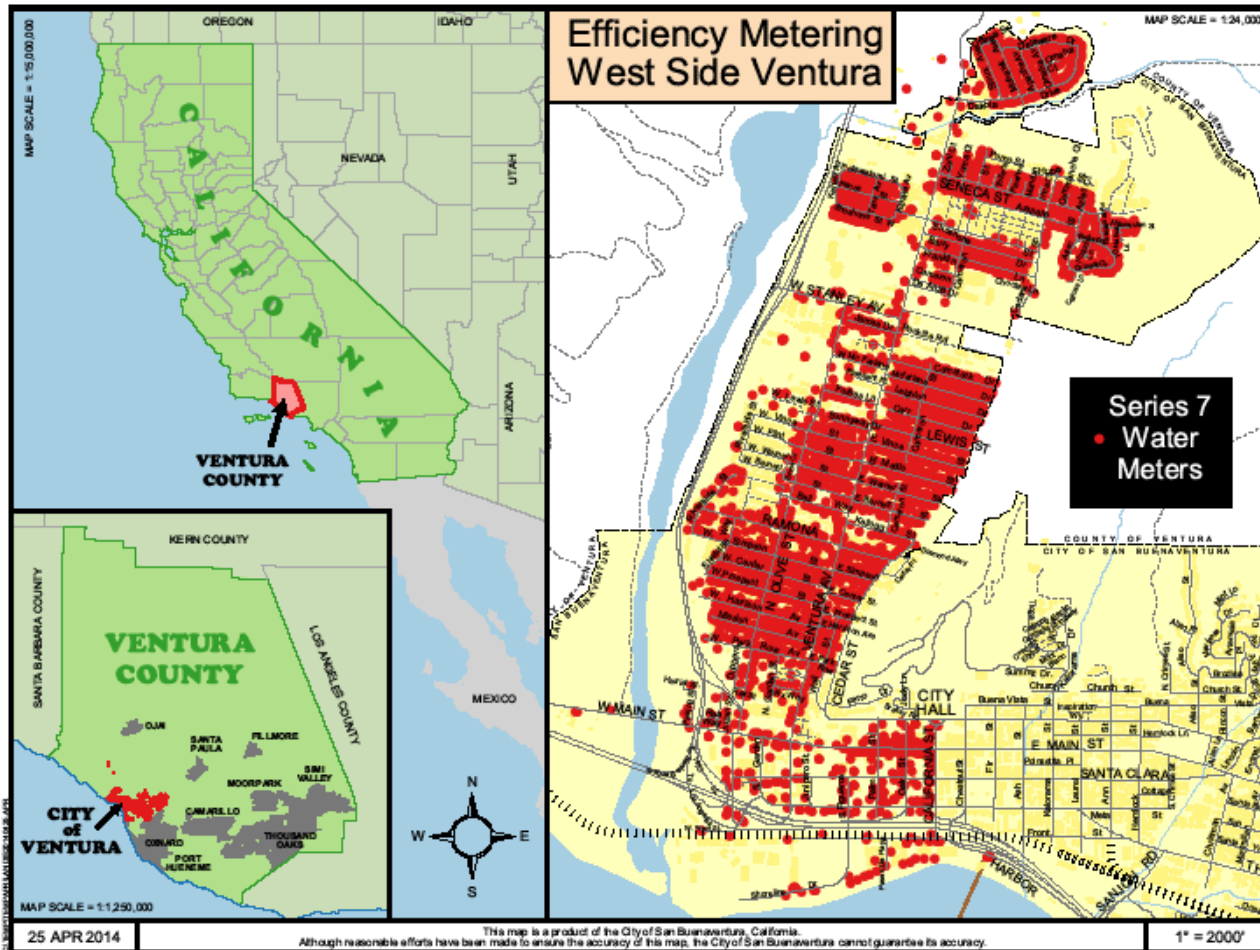


Figure 3-13
Disadvantaged Communities
WVCV IRWM Region



Project Location





Project Benefits

Water savings of 72 - 144 acre feet per year, based on 3500 households using 0.41 acre foot per year with 5% - 10% savings, through:

- **High turnover of property ownership and move outs since rental costs are lower than the rest of the City.**
- **Transient nature and old infrastructure of the residences leads to less interest in water conservation and the fixing of leaks.**
- **Ventura Water can monitor usage continuously and flags can be set to detect leaks.**
- **Response to leaks and high water usage can be detected and response time can be improved.**
- **Ventura Water can be notified immediately of possible leaks.**



Meets Statewide Priorities

- (1) Providing immediate regional drought preparedness by giving customers and Ventura Water a real time tool to monitor water usage;**
- (2) Conserving water through the usage of AMI meters will increase local water supply reliability;**
- (3) Assist Ventura Water to implement a not locally cost-effective conservation program and measure; and**
- (4) Reduce water quality conflicts or ecosystem conflicts by reducing water usage from the Ventura River Watershed.**

Trusted life source for generations



Questions?

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