# Executing a regional water loss control program for the Municipal Water District of Orange County

Consulting case study
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Check out this case study to learn how the E Source Water Loss Consulting team partners with water utilities to manage and reduce water losses.

### The challenge

The Municipal Water District of Orange County (MWDOC) is well known for its industry-leading conservation programs, but historically those conservation programs have all focused on end users. MWDOC wanted to establish a regional supply-side efficiency program to encourage its member agencies to reduce costly water loss, employ industry advice, and prepare for changing regulatory requirements.

### Do you need help with a water loss initiative?

Learn how the E Source Water Loss Consulting can help you meet your goals.

### The solution

MWDOC enlisted E Source to help kick off the first five years of its regional water loss control program. The program has been a resounding success ever since. Thirty of Orange County's 31 agencies have participated in the program offerings, which include:

- Technical assistance with water audit compilation and validation, raw data analysis, component analysis of real and apparent loss, and proactive leak detection
- Bimonthly workgroup meetings focused on education, capacity building, and peer dialogue
- Shared services such as customer meter testing

## The results

The MWDOC water loss control program has grown each year since its inception. Now MWDOC is building a water loss control division, in part through a US Bureau of Reclamation grant that the MWDOC water loss control workgroup won. The division offers water audit validation, leak detection, subcontracting of customer meter testing, and pressure-logging services to all Orange County agencies at a reduced cost.

Though Orange County is just getting started, the agencies have already set the bar for proactive engagement with water loss in California. It’s amazing what can happen when a region pools its resources to work toward a shared efficiency goal.

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