

# NON-REVENUE WATER REDUCTION



## A Critical Component of Water Supply Management

### WE HELP DEFINE THE PROBLEM

As a long time municipal partner, Seven Seas Water is well aware of the financial pressures that utilities face, as well as the need to optimize the use of their water supply. Through Non-Revenue Water (NRW) management and reduction services, Seven Seas Water can help you identify revenue losses and define both commercial and technical problem areas that need to be managed. These services are not offered as traditional stand-alone consultation services, but can be combined with new desalination installations, or be provided in locations with existing Seven Seas Water desalination facilities.

### RECOVERING REVENUE LOSSES

Seven Seas Water assists utilities in the recovery of revenue losses that stem from non-delivery or non-payment of bills. After careful review of the practices in place, Seven Seas Water will help determine if there is a demonstrated need for rate adjustments and establishment of payment plans, and introduce cost effective strategies to manage water delivery. Seven Seas Water will also identify errors in the address and billing systems by executing a thorough property survey utilizing the latest GPS equipment and updating the existing billing system accordingly, or installing a new one. Seven Seas Water will commission the new systems, complete with appropriate hardware and staff training.

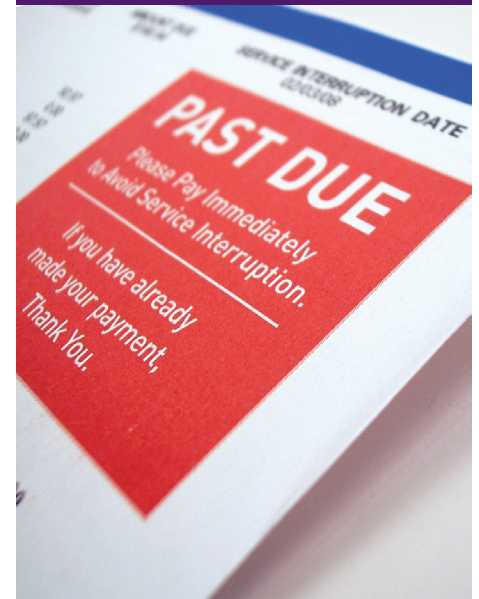
### IDENTIFYING IN-DIRECT LOSSES

Unmetered and unauthorized consumption can be difficult to identify and quantify. By executing a property survey and customer census, Seven Seas Water can identify properties that are missing from the utilities database. To identify billing volume errors, we conduct a survey of billed water volumes vs. delivered water volumes. Seven Seas Water also assists clients in reviewing rate structures and capital expenditure budgets to assess the impact that metering inaccuracies may have on their revenue and can assist with the implementation of AMR/AMI systems to ensure significantly and measurably better meter coverage with accurate meter readings.

### REDUCING LEAKAGE

The management, reduction, and subsequent maintenance of leakage levels in any system is a long-term undertaking. Seven Seas Water assists our clients by executing the initial design and implementation of discrete zones complete with bulk metering. This allows for system management and leakage detection on a manageable scale. By producing an Active Leakage Control Policy we enable our client to effectively and efficiently execute all components of leak management; i.e. leak detection, localization, and repair. By installing and linking SCADA systems with the zonal metering and storage and distribution systems, clients can access real-time data on production, system flows, storage volumes and leakage levels.

Increasing Revenue by Identifying, Managing and Reducing Water Losses



Learn more: 813-855-8636, ext. 1200  
[www.sevenseaswater.com](http://www.sevenseaswater.com)

# WHAT DOES 20% NON-REVENUE WATER MEAN TO YOUR UTILITY?

If a utility's pricing is based on recovering revenue on 100% of its production, and it is failing to recover on 20% per year, the utility will lose the equivalent of 1 years' revenue within a 5 year horizon - a situation that will lead to insolvency and the need for government subsidy.

**Seven Seas Water is your total water solution company.**

*Dependable, affordable and focused on you.*

Learn more:

**813-855-8636, ext. 1200**

**[www.sevenseaswater.com](http://www.sevenseaswater.com)**

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