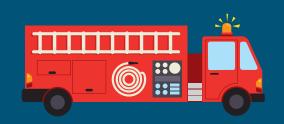


Leaks are the largest component of real losses, with 75% of drinking water investment needs being repair and replacement of leaky pipes.

## The High Cost of NON-REVENUE WATER



Real losses are the physical losses of water from the distribution system.



A small component of NRW includes necessary but unbilled activities such as firefighting, hydrant flushing, municipal construction, and street sweeping.

## Water Loss in the U.S.

- We lose about seven billion gallons of water per day
- The amount of water lost in one year is enough to supply the ten largest cities in the U.S.
- Lost water accounts for billions of dollars in lost revenue



There are
650-700
main breaks
per day in
the U.S.,
or roughly
240,000
per year



is NRW?

Non-revenue water (NRW) is clean, treated drinking water delivered to the distribution system but not billed to customers.







Theft

Billing Errors



## APPARENT LOSSES

Apparent losses are non-physical losses that consist of water successfully delivered but not measured or recorded accurately.



AWWA's Water Audits and Loss Control Programs M36 methodology helps utilities find and control water loss:

- **6** Lowers operation and maintenance costs
- Increases water availability
- Reduces the need for new sources and treatment plants
- Diminishes impacts from drought and climate change





Unsurpassed Solutions in the Water Environment

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