## Level 1 Water Audit: Understanding Your **Losses in Terms of Volume, Value and Validity**



Validity

Every year, every month, every week and every day - every utility spends money on non-revenue water.

Even those with no active programs to find and fix it – they still spend and many over-spend through uncaptured revenues and wasted expenses. The American Water Works Association (AWWA) M36 Manual for Water Audits and Loss Control Programs details the industry best-practice for water loss accounting. Cavanaugh - a recognized industry leader in water loss management - was a principle contributing author to this

authoritative reference book. The "top-down" M36 water audit is the starting point for every utility to understand where they need to focus next steps for water loss control. But even the most sophisticated information systems in our utilities were not designed specifically for water loss control and analysis - which means that

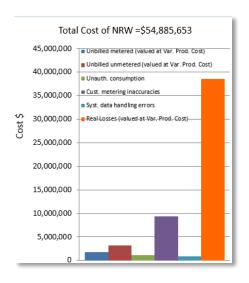
data which is immediately available for the "top-down" approach can carry hidden errors that wreak havoc on the accuracy of the AWWA water balance. For this reason – a basic validation step – known as Level 1 Validation

- must be part of the top-down audit.

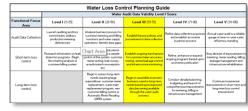
So the real first step is establishing an annual audit you can rely on. Cavanaugh has had the privilege of working with over 1,000 water utilities for AWWA top-down water auditing and validation. Our team can help you take this first critical step on your journey to optimum.

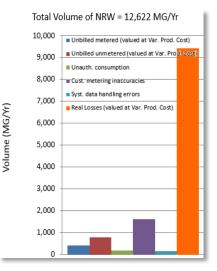
A Level 1 Water Audit will show your utility's current standing for the AWWA metrics in terms of volume, value and validity with defensible documentation of the audit basis.

The essential outcomes from the Level 1 Water Audit are



- What is the annual cost of my current water loss program, including the uncaptured revenues and wasted expenses
- Clear next steps including improvements data where warranted before longer term investments are justified.





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Contact us today to learn more.

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