



TOP FIVE ROADBLOCKS PREVENTING THIRD-PARTY VERIFICATION OF WATER LOSS REDUCTIONS

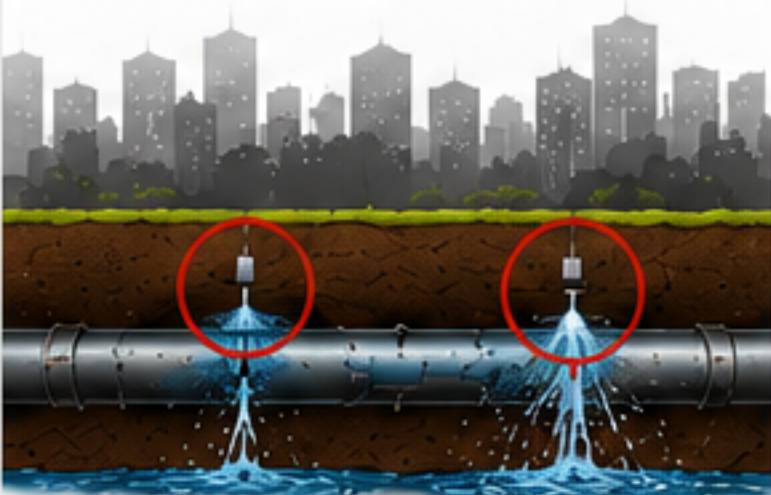


HOW TO WIN PUBLIC TRUST FOR YOUR WATER REPLENISHMENT PROGRAM? **FILL THESE GAPS:**

1 IDENTIFICATION



Can miss 60%+ of leaks under challenging field conditions.



- ✗ High groundwater
- ✗ Low pressures inside pipe
- ✗ Plastic pipe materials that hide required acoustic signals
- ✗ Pipe beddings with water already surrounding pipe where leaks don't surface

IF YOU CAN'T FIND THE LEAKS, YOU CAN'T RECOVER THE WATER.

2 FALSE READINGS



A standalone risk that drives up costs and audit exposure.



Points of Interests from Satellite



Customer Usage



Water Hammers



- ✗ "False positive" readings (anomalies or points of interests not leaks)
- ✗ Digging dry holes is expensive, time consuming, and disruptive
- ✗ Creates huge audit risk

FALSE LEADS. REAL COSTS. ZERO WATER RECOVERY.

3 REPEATABILITY



Can you reproduce today's results tomorrow? Sixty days from now?



- ✓ Same pipe / same day
- ✓ Same pipe / different crews
- ✓ Same pipe / different equipment
- ✓ Same pipe / 60–600 days later

- ✗ Non-repeatable data destroys credibility
- ✗ Without a believable baseline, nobody trusts the reported recovery
- ✗ Repeatable technologies show their data
- ✗ Non-repeatable technologies estimate, infer, or explain away differences

NO REPEATABILITY. NO CREDIBILITY.

4 MEASUREMENT



Three letters: GPM. You can't manage what you don't measure.



3.7 GPM

- ✗ No GPM / LPS per defect
- ✗ Without real flow rates, you can't:
 - Prioritize effectively
 - Quantify recovery
 - Defend your results

NO MEASUREMENT. NO MANAGEMENT.

5 QUALITY OF REPAIR (LEAK REDUCTION)



The biggest risk to your program's success.

BEFORE REPAIR



AFTER REPAIR?



- ✗ ASTM acceptance DOES NOT require no-leak delivery (watertight)
- ✗ Contractors can damage the pipe during repair
- ✗ Pipe can leak MORE after repair than before – happens all the time
- ✗ Without post-repair verification, you don't know the real benefit

NO VERIFICATION. NO PROOF. NO TRUST.



DON'T JUST FIND LEAKS. PROVE THE WATER BENEFIT.



FIND
All leaks.



FIX
The right leaks.



VERIFY
Every repair.



AUDIT
Defend every gallon.

electro³scan

PHYSICS-BASED. MEASUREMENT-FIRST.
ACCOUNTABILITY ALWAYS.



Close the gaps.
Earn public trust.
Maximize real water recovery.



VWBA 2.0
Compliant



AWS 3.0
Replenishment Credit



Audit-Grade
Documentation



Measurable
Results



Defensible
Data