Turning water audits into actionable plans

Explore **Flowless' Snapshot Analysis**, the practical way to get you started with water loss management.

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What is Snapshot Analysis?

For many water utilities, regular water audits feel like a routine task. But what if these audits could be extended to a strategy for active loss reduction?

Flowless' Snapshot Analysis turns your existing data into valuable insights, analyzing your water network's performance without complex IT integrations. It picks up where SCADA leaves off, using historical flow and pressure data to provide easy-to-read performance charts and dashboards.

With the power of WLR&A's System Correction Factor **(SCF)**, you'll get more accurate & customized leakage target for each zone, identifying how much water loss can be recovered. It helps prioritize areas for **Active leakge Control** & **pressure management**, making it easier to reduce water losses effectively.

How it Works

Data Collection: we'll start by getting your network data for the past few months, including flow, pressure, & billing data, in CSV or other standard formats.

Data Input: Once we get the data, we'll plug them into Flowless' platform, and that's where magic happens!

Data Analysis: Flowless platform combined with SCF from WLR&A analyzes flow patterns, establishes baselines, & calculates accurate recoverable leakage targets for each zone.
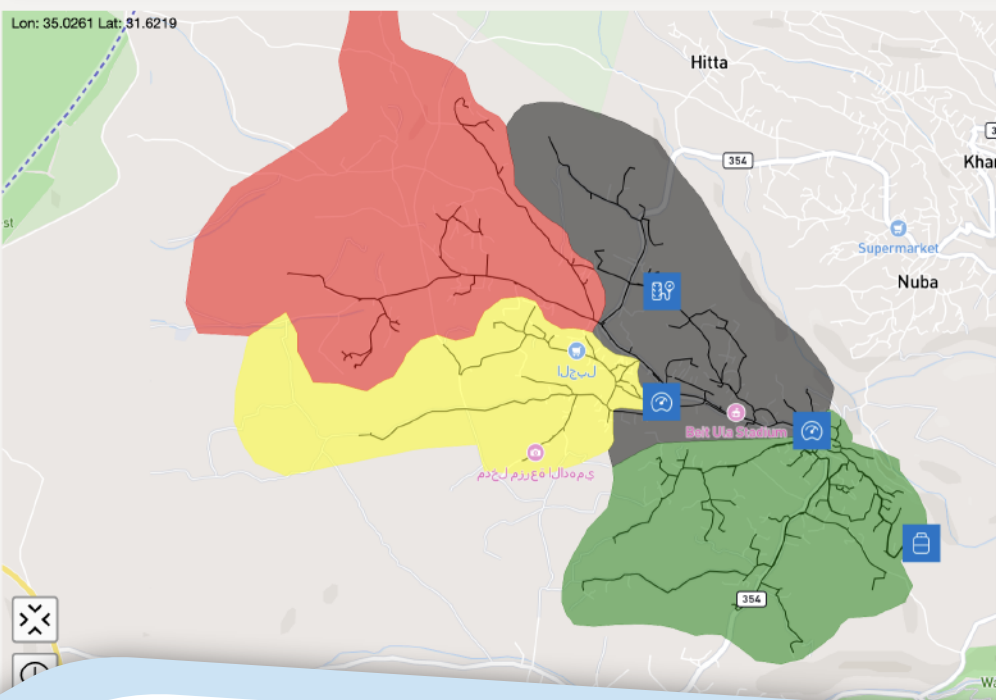
Actionable Insights: the generated data-driven insights help you identifying zones with the highest leakage rates, predicting potential pipeline bursts, and optimizing pressure management to effectively reduce water loss.

Is Snapshot Analysis Designed for You?

Snapshot Analysis offers a straightforward, budget-friendly way for utilities to transform compliance activities into real progress on water loss reduction, without the complexity of setting up new systems or IT significant investments:

✓ **Simple, Fast, & Effective:** no complex integrations, no additional IT investments, providing invaluable insights for your team to achieve results FAST.

✓ **Holistic Analysis:** Get an overarching view of your water system for better resource allocation, guiding your team to the right intervention at the right time using the right tools.

✓ **Accurate, Accessible, & Scalable:** Making these easy-to-digest interpretations accessible for your team, integrating new tools as your needs grow.

✓ **Losses Lifecycle Assessment:** A simple first step toward real-time monitoring; enabling future upgrades when you're ready and satisfied with the results.

scan for demo!

Data is a fascinating, BUT only if you can get the most out of it. Let's connect & help you utilize it for your benefit. Scan the code or reach out at *info@flowless.co*

Leak Inspector
Network Overview   Leak Overview   Leak Reduction

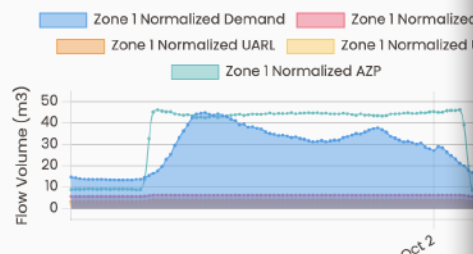Lon: 35.0261 Lat: 31.6219

Zone 1

Insights   Events   Metadata   Constants

Zone 1 Daily Demand
15 Oct 2022 - 3:00 AM
2,811.36 m³/day

Zone 1 Daily Le
15 Oct 2022 - 3:0
958.06 m³/

Zone Monthly Leak Profile

Demand vs Leak
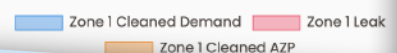
Ready? Here is the data we need to get you started:

Bulk water flows
Flow meter readings for all inlet and outlet meters within the selected DMA (District Metered Area), ideally with hourly readings.

Pressure
Hourly pressure readings at critical points, especially the average zone pressure, for accurate assessment.

Consumption/Billing data
Monthly consumption data for all consumer meters within the DMA for at least one year (more data is advantageous).

Spatial & hydraulic data
• **Hydraulic model:** For more advanced analysis, if available.
• **Shape-files:** Including pipelines, zones, measurement points, and key facilities to enable precise visualizations on a map.

Flowless' Leak Lifecycle Management Approach

Identify the recoverable leak, and define the right interventions to tackle those leaks using SCF & UARL.

✓ Stop guessing where your leaks are hiding. With **MNF analysis,** you'll know exactly which DMAs have the biggest problems and prioritize accordingly.

✓ **Accurate Insights:** Using UARL (Unavoidable Annual Real Loss) values corrected using SCF helps you set customized targets for each zone, prioritize areas for active leakage control or pressure management, & focus on recovering water losses effectively.

✓ **Identify the right intervention:** Use Water-Cloud's leak inspector to simulate interventions like pressure management and see their impact on your leakage levels before you act.

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WLR&A LTD
Analyze your water losses