Key Metrics to Track for Smarter Water Management

Use this as a monthly audit tool for water efficiency. Identify areas where your building is losing money on water waste. Set benchmarks and track improvements over time.

Water Consumption & Usage

Total Water Consumption
Measures overall water usage in your building.
Compare against historical data to detect unusual spikes.

Water Usage per Occupant
Helps benchmark efficiency across different properties.
Ideal for tracking water conservation efforts in multi-tenanted buildings.

Water Usage per Square Metre
Ensures water consumption scales appropriately with building size.
Useful for comparing different facilities in a portfolio.

Water Heating & Energy Recovery

Energy Used for Water Heating
Tracks how much energy is required to heat water.
High usage may indicate inefficient heating systems.

Water Temperature Consistency
Use IoT temperature sensors or manual readings at different outlets.
Inconsistent temperatures suggest heat loss or system inefficiencies.

Leak Detection & Prevention

Percentage of Water Lost to Leaks
Monitors how much of water supply is lost due to undetected leaks.
Should not exceed 5% of total consumption in well-managed buildings.

Time to Fix Leaks
Measures response time from detection to resolution.
Faster fixes prevent structural damage and unnecessary costs.

Sustainability Goals & ROI

Percentage of Recycled/Reused Water
Measures greywater reuse for flushing, irrigation, or cooling.
More reuse = better sustainability & lower costs.

Water Bills Before & After Efficiency Measures
Track the financial impact of smart water management strategies.
Helps justify ROI for future efficiency upgrades.

Reduction in Water Usage
Compare your average monthly water use before & after conservation efforts.
A 10-30% reduction is expected after system upgrades.

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