



Managed
Water

HEALTHCARE CASE STUDY

Solving Persistent Legionella Detections Through Continuous Monitoring

Real insights.
Real results.
Safer water systems.



The Challenge

Repeated Legionella detections from a cold-water outlet (serving a cleaner's sink)

Despite:



Regular use reported by site staff



Temperature checks within limits (<20°C)



Recent risk assessment completed



But the issue persisted.



The Challenge

(CONTINUED)

Multiple disinfection treatments were carried out.



Ongoing cost



Operational disruption



Pressure on site & compliance teams



But the problem kept returning.
A deeper issue wasn't being identified.



Our Approach

To understand what was really happening, we introduced:

Continuous temperature monitoring at the outlet



Real-time visibility



Data beyond periodic checks



Clear insight into system behaviour



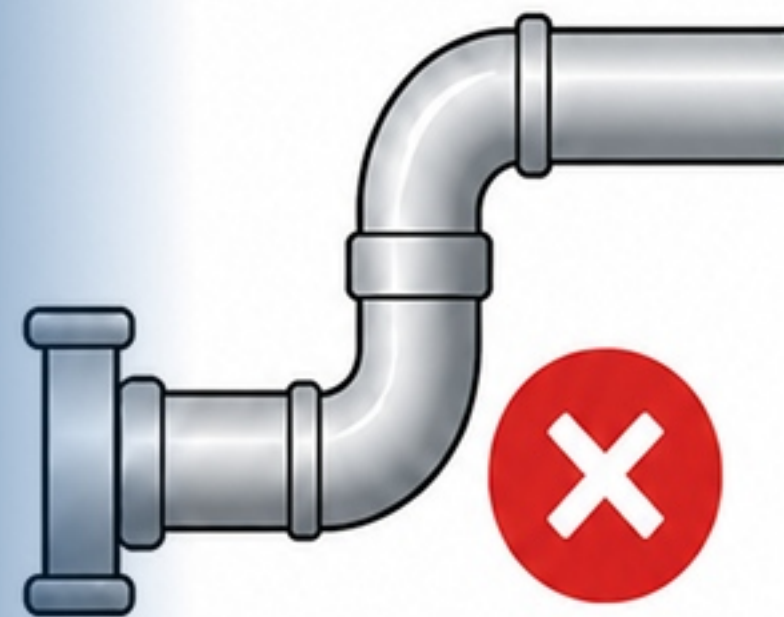
What we discovered (in 7 days)

Within days, the data revealed:

1

The outlet wasn't being used properly

No flushing activity → water stagnation
High-risk conditions for Legionella



2

Temperatures exceeded safe limits

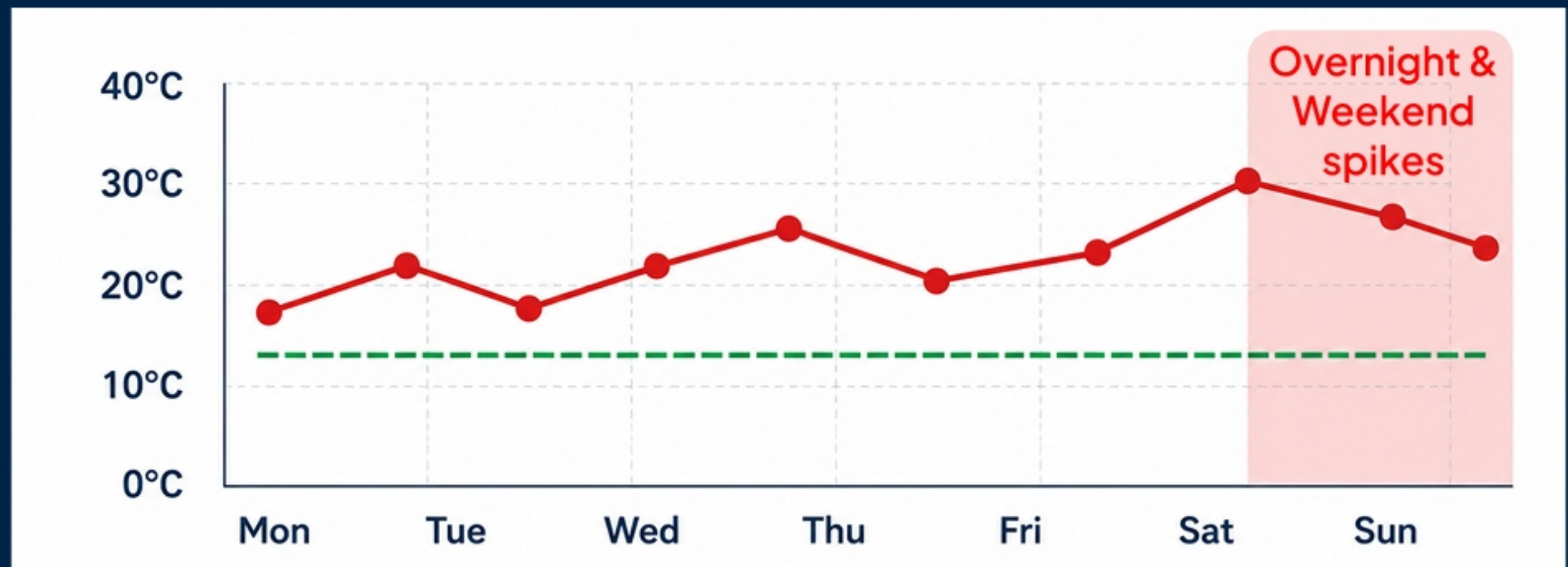
Overnight & weekends reached ~30°C
Ideal environment for bacteria growth



What the data showed

Temperature spikes outside safe limits
— especially overnight & weekends

— Outlet Temperature (°C)
— Safe Limit (< 20°C)



Periodic checks missed this completely.
Manual checks ≠ full picture.

The Solution

Based on the data, we implemented:



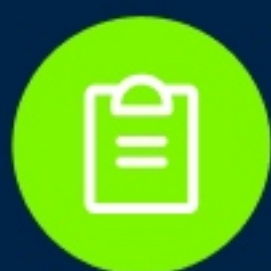
Immediate flushing regime



Review of outlet & pipework usage



24/7 remote monitoring with real-time alerts



Data-backed actions to address the issue



The Result



Legionella NOT detected (follow-up sampling)



Results remained clear in ongoing testing



No further reactive disinfections needed



The issue was resolved at its source



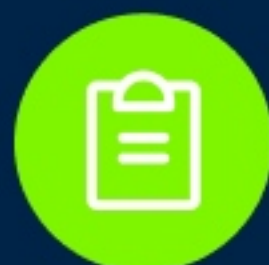
The Impact



Reduced ongoing compliance costs



Eliminated repeated disruption



Clear, auditable data for reporting



Greater confidence for site teams



Key Takeaway

Periodic checks can miss critical system behaviour.

Continuous monitoring provides the visibility needed to identify and resolve hidden risks – fast.



Better visibility.
Smarter decisions.
Stronger schools.

That's the power of
Managed Water.