



EXCELLENCE THROUGH WATER

## CASE STUDY - LEGIONELLA MANAGEMENT

### A Success Story

It is often said, Legionella cannot be eradicated, but can only be managed. Whilst this is to an extent true, there are proactive ways to manage Legionella. The goal being to eliminate the risk of exposing Clients and staff to Legionella (and other waterborne pathogens).

### Today's Challenge

Like many health and aged care facilities, there are a number of challenges from a Legionella control perspective including; varying age, size and nature of water infrastructure, presence of complex water systems and the construction and refurbishment of new and existing buildings. This, together with identified knowledge gaps, such as current and accurate drawings, and the quality of asset registers further compound the challenges.

With the difficulty of managing priorities such as budgets to operate an efficient and safe health care facility, further challenges arise with Legionella being only one of the many issues to be addressed.

# CHALLENGE CURRENT THINKING

Finally, changing the status quo of historical management of Legionella and recognising that a smarter, proactive tool was central to the step change required to achieve effective Legionella Management.

## THE SOLUTION(S) & SUCCESS

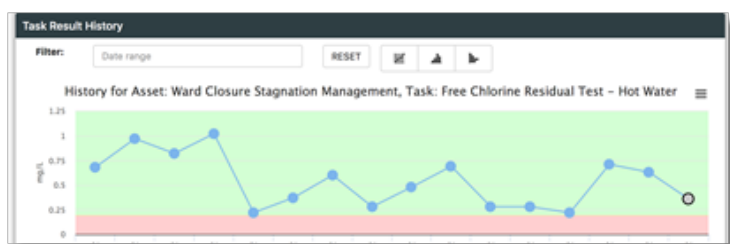
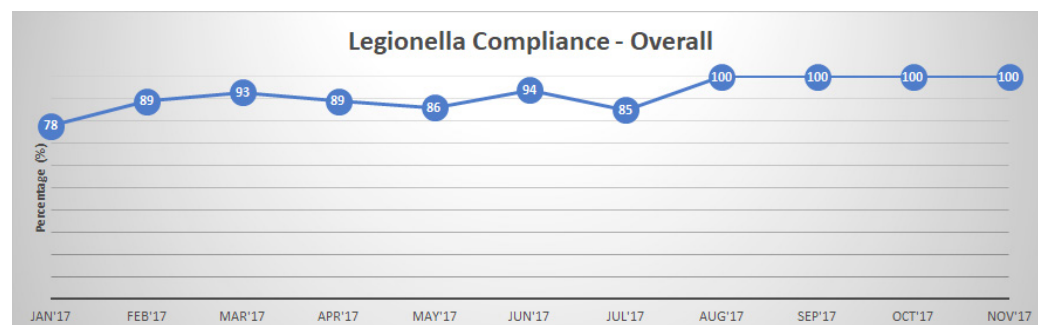
No silver bullet was used to achieve Legionella compliance. Rather, a broad range of practical and effective solutions were employed:

### Management's Proactive Stance

Including the allocation of appropriate resources to better understand and manage their Legionella / Water Hygiene Risk.

### Robust Legionella Risk Assessment & Legionella Risk Management Plan

This approach and these documents provide not only the framework to effective management but also the foundation for informed decision making.



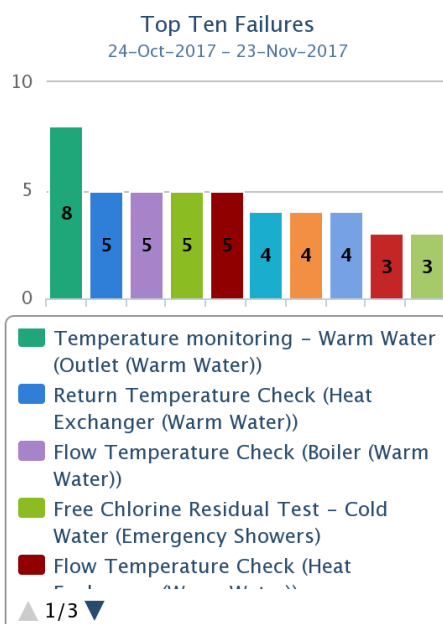
With built in auto trending we are able to view detailed performance and intervene before we enter the 'red zone'

### Practical and Risk Based Legionella Monitoring Program

Including the implementation of a site specific operational and verification Legionella / Water Hygiene Monitoring Program.

### Collaboration

Under the guidance of the enHealth Guidelines, a Legionella Working Group was formed. This provided a focus on the Legionella Risk and systematic approach with reporting and accountability in place for implementing identified controls.



Access to data that was previously hidden in a hardcopy folder or 'dumb' excel spreadsheets has provided fresh insights as to where the challenges are. The data tells it as it is, rather than what we think it is. Developing solutions is a lot easier when we know what the challenges are.

# IF THERE IS A SMARTER WAY OF MANAGING COMPLIANCE, THIS IS IT



### Do Diligence

A key differentiator, the Do Diligence software brought the management plan to life. Operational and verification tasks are scheduled, all tasks, results, remedial actions and management reports are captured in the cloud based software for complete visibility. Additionally, the data was there to be analysed by Ecosafe International and strategic actions then implemented.

### Future Planning

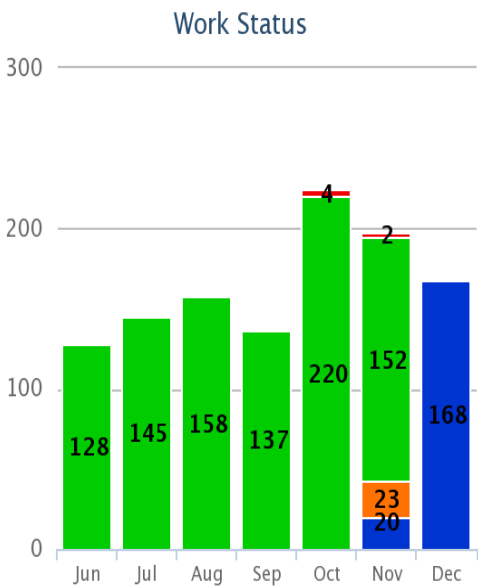
While the recent results have been outstanding, it is acknowledged that Legionella is a living organism that evolves and changes quickly, even seasonally. The Legionella Management team understands that things may change, but believe that we have a robust plan, the right strategic partners and an innovative electronic tool that will allow us to meet these challenges with confidence.

### Audit Ready

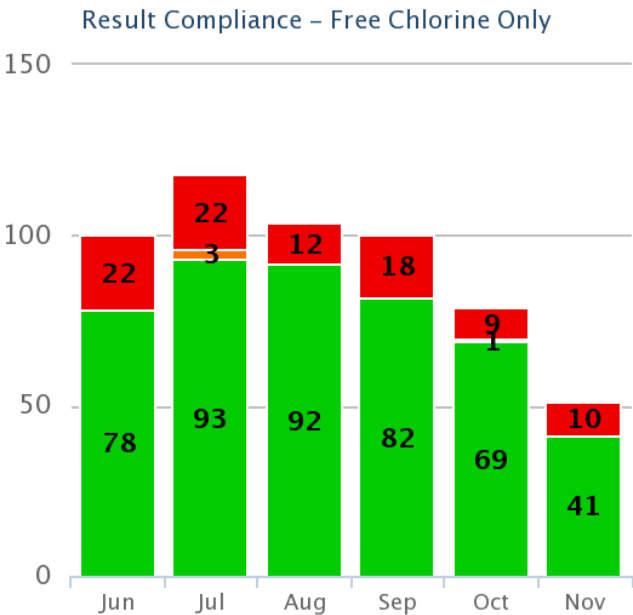
Utilising the Legionella Compliance Tool has allowed the Legionella Management Team to be audit ready and confidently understand their Legionella compliance status (internally, externally and against best practice).

### Budget

Whilst the management of this does come at a cost, the health care facility has been able to reduce the verification monitoring sampling as a result of the increased operational control. They now have information which ensures the focused and risk based use of resources. Balanced against Legionella positive results, remedial and a potential Legionella positive result, we are able to deliver great value everytime.



Being able to view performance by hydraulic zone, location or risk area provides a focus on where to apply resources.



The Weekly and Monthly Reports have provided a focus on operational monitoring like never before...

To be able to verify if tasks are being completed and how systems are performing has seen a focus on operational monitoring which has had a significant impact on Legionella Compliance.