

Case Study

Change Grow Live





BACKGROUND

Total Environmental Compliance Ltd (TEC) began working with Change Grow Live (CGL) in 2022.

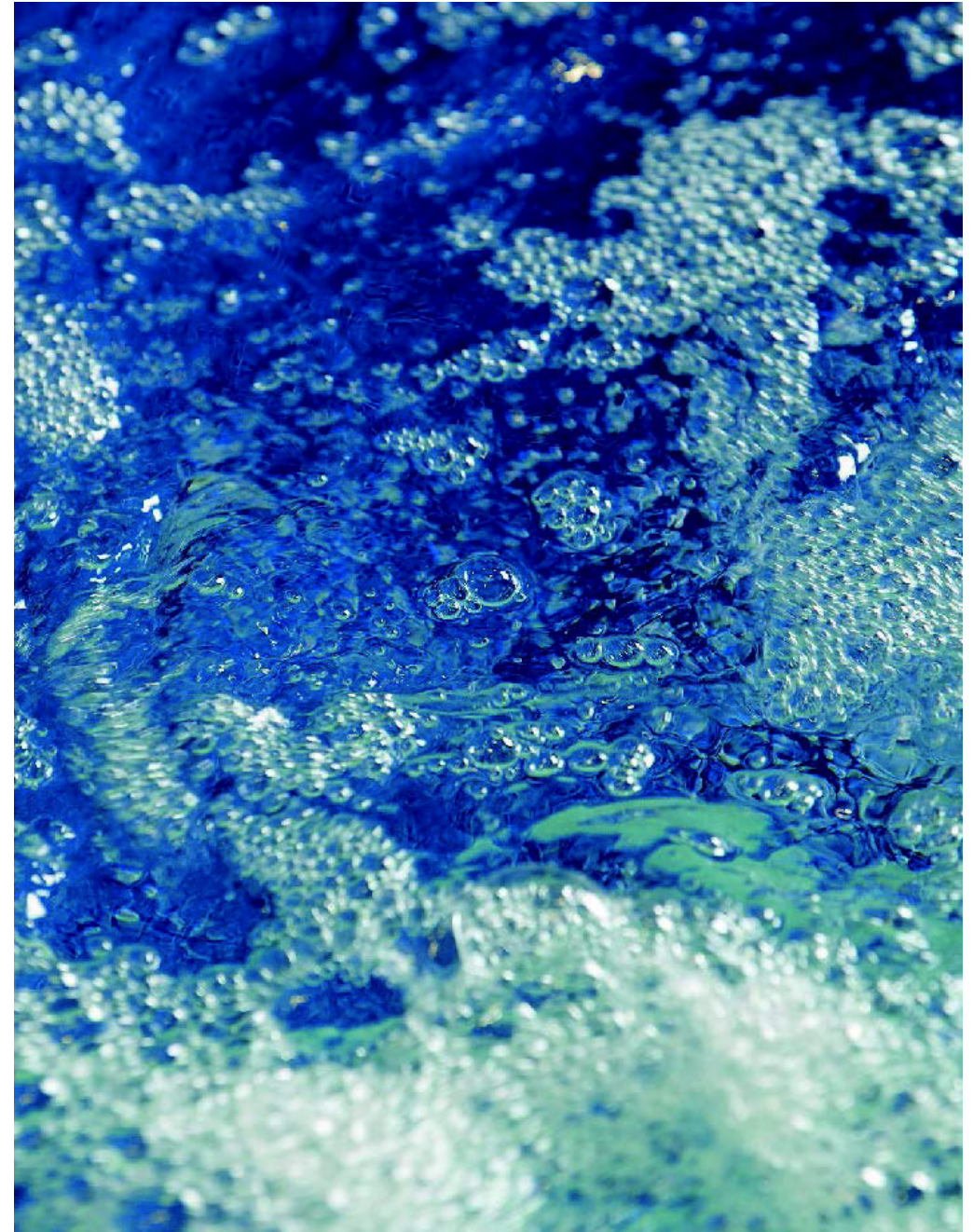
CGL is a charity that exists for people who need help with challenges including drugs and alcohol, trouble with housing, domestic abuse and mental and physical wellbeing. Its services are free and confidential.



THE CHALLENGE

The challenge for TEC is that the charity has multiple small sites spread nationwide, each requiring weekly/fortnightly/monthly flushing and samples. Managing Legionella services and water hygiene services is costly based on:

- water costs - having to run outlets until they reach temperature, wasting water;
- energy costs - having to use gas to heat the water;
- engineer visits - L8 testing, travel time and fuel costs; and
- all activities resulting in a heavy carbon footprint





THE SOLUTION

Due to the risks of Legionella it's essential to carry out regular testing. Legionnaires' disease is a legitimate public health concern as it can be fatal.

Regular testing for Legionella can help prevent potential and sometimes fatal outbreaks of Legionnaires' disease. TEC is a member of the Legionella Control Association (LCA). Its Quality Management System for all work activities is upgraded to the ISO 9001/ISO 14001/ISO 45001 standards.

How does remote temperature monitoring work?

1. Discreet sensors (with a 7-10- year battery life) are installed on the pipework.
2. Every 5 seconds, the sensors send data to a cloud connector in the building.
3. That cloud connector then sends data via secure cellular networks.
4. All the temperature monitoring data can be accessed and viewed on a mobile or computer, giving the client very powerful insights.
5. Any alerts or one-click reports are delivered to TEC's team via SMS or email alerts.



THE OUTCOME

The remote temperature monitoring technology is attached to CGL's assets and provides continual access to real time temperature monitoring, giving us an accurate take on how each asset is performing and enabling effective recommendations to be made based upon these results

Remote temperature monitoring puts TEC in the beneficial position of no longer needing to send an engineer to site, saving time and money. This in turn helps to remove access issues because, with site visits no longer needed, TEC will never interrupt CGL's operations to complete necessary works.

Remote monitoring is also ideal for managing irregularly used outlets in buildings. The sensors send alert notifications when outlets aren't used for a period of time, for example 7 days or more.



Working collaboratively, TEC and CGL quickly arrived at a solution to overcome this challenge: remote temperature monitoring.



YOUR PARTNER

Total Environmental Compliance – a PTSG Company – is a leading UK based consultancy providing water treatment, water hygiene and remedial services.

Find out how we can become your trusted partner, delivering water safety, protection from Legionella and compliance that you can rely on.



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