



Ensuring Top-Tier Protection for a Leading Midlands University

Background

WCS Water & Air is working with a well-known and respected Facilities Management company for a University based in the Midlands, to provide a range of water treatment services. These services include water hygiene monitoring, cleaning, and disinfection, as well as closed system remedials. These services are provided across the University's various campuses.



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The Challenge

Our team tested water samples for legionella bacteria in 18 student accommodation buildings during the summer break. Unfortunately, 70% of the locations had samples which tested positive for legionella. Since the start of the school year was approaching, we decided to install anti-legionella filters on various taps and showerheads to reduce the risk of exposure.

We then retested the water after removing the filters. If the results were negative, the filters were removed. However, some outlets still tested positive for legionella after the retesting. Two buildings had widespread legionella issues, so we installed Ultralox chlorine dioxide generators to treat the water in those buildings.

The Solution

As a solution, our team of dedicated water technicians continued to sample and this showed that a number of buildings still had issues. We carried out a survey and found that their 18 buildings were supplied by 3 mains systems and put together a proposal to treat their entire portfolio of student accommodation on this particular campus. This proposal was swiftly accepted by the FM who were very proactive throughout the process.

Siting of the units was an issue as there wasn't a central plantroom, however, we supplied an external and lockable enclosures that are well lit and heated allowing for essential maintenance to be carried out. The installation was very successful and together with a sampling contract to test the sentinel outlets for both legionella and chlorine dioxide levels this gives the University the best possible protection against the legionella bacteria for their students, staff and visitors.

