

## Water Plus help Manchester City Council save £60,000 a year with data loggers

### Challenge

Manchester City Council noticed an increase in water usage in a 24/7 building, but couldn't manually investigate.



### Solution → Expert help

We helped the council access the water logger's management information, which identified costly leaks.

### Savings



**£172,900**  
a year saved in leaking water



**Water used reduced**  
from 8.63m<sup>3</sup> to 1.32m<sup>3</sup> per hour



**Easily finding leaks**  
by installing more water loggers



"The service provided by Water Plus has been invaluable to us.

We're now using the data logger technology on a number of our other sites and we're reaping the rewards.

Our Water Plus contact was exceptionally helpful and tracking our water consumption couldn't be easier."

Lindsay Oldham,  
Technical Officer (water management),  
Manchester City Council

### Client

Manchester City Council operate lots of buildings, including schools, civic buildings, town halls and offices. They all have unique requirements and different water needs,

### Challenge

The council noticed a big increase in water usage at their Smithfield building, which usually indicates a leak. However, the building was being used for 24/7 food preparation. This meant the usual process of shutting water off during non-business hours to take a reading couldn't be done, making it hard to determine whether the high bills were correct or not.

### Savings

Fixing these leaks meant that water use was reduced from 8.63m<sup>3</sup> per hour to 1.32m<sup>3</sup> per hour – saving Manchester City Council £60,000 a year. Since this success, the council have used loggers on more sites. These have helped to identify further leaks, helping them to easily save money on wasted water.

### Solution

We helped the council to get the logger information they needed to prove they had a leak, so they could call in a leak detection and repair service and save money on wasted water.

- 1 We worked with the council and granted them access to the logger management information.
- 2 This meant the building's technical officer could look at the figures for water use at exact times.
- 3 The council could prove there was a leak. Figures showed the excessive night time water use could not be from the building's food preparation process alone.
- 4 With this proof, the council called in a leak detection and repair service to fix one large and two small leaks that were found.