

Urinal Timer Installation

Purpose

We are looking to work with businesses across Abergele to champion improved water efficiency and to reduce waste. One area we have identified is continuous, or un-necessarily operation of Urinal flushing mechanisms. These can operate throughout the night, or when the business is closed.

Challenge

The customer experienced a continuous water flow into the urinals prior to any intervention. Urinal Timers, which are designed to optimize water usage in automatic cisterns, were installed to address this issue.

Pre-installation data showed a consistent nighttime flow rate of 63 litres per hour (lph).



The final installation

Key Facts

Client/Customer:

Penybont Inn – Abergele Smart Town

Partner:

Thomas Dudley – Kinetic Urinal Timer

Workstream:

Water Efficiency - Abergele Smart Town

Challenge:

Reducing usage by the installation of Urinal Timers

Key stakeholders:

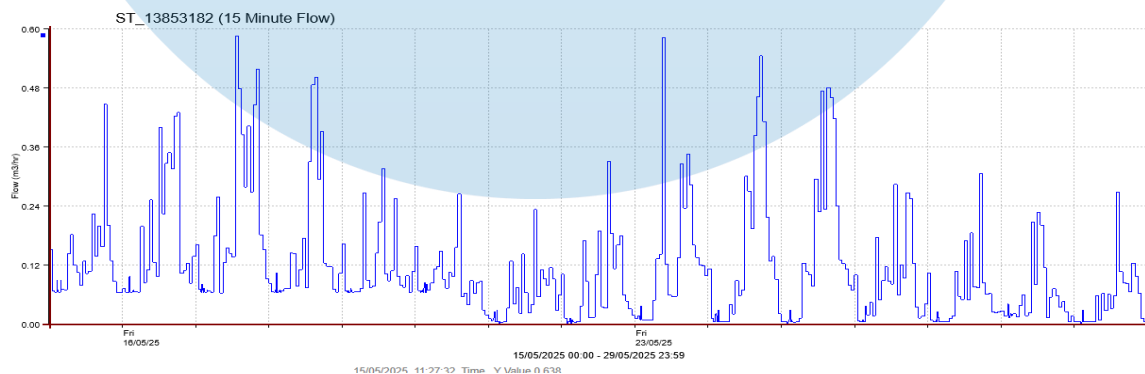
Ben Kehoe (Cartref Programme)

Charlotte Harris (Water Efficiency Project Manager)

Results

Following the installation of the Urinal Timer, flow rate reduced to just 3 lph on average —resulting in a significant water saving of 60 lph.

This equates to a daily saving of 1,440 litres per day, with no impact on cleanliness or operation.



Graph to show flow (m3/hr) pre and post installation of the urinal timer.

