Expenses spared after Business Stream rescue

“Dundee landfill site leak detected and rescued with new pipe. Thanks to Business Stream’s quick thinking and pro-active approach we were able to fix what would have become a very expensive and problematic issue for the Council. Their experience and expertise was evident throughout the process and we were delighted that they were able to resolve the issue so quickly”

Alex Gibson,
Team Leader (Energy Management),
City Development Department,
Dundee City Council

Dundee City Council
www.dundeecity.gov.uk
CHANGING FOR THE FUTURE

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The challenge

Dundee City Council's riverside landfill site on the banks of the River Tay was using a disproportionate amount of water in August 2018.

Through pro-active leak detection monitoring, Business Stream quickly identified that there was a leak within a 500 meter section of pipe that needed to be fixed. Through further examination it became clear that the leak was likely being caused by either a bend in the pipe or a faulty piece of tracing equipment.

The leak was costing the Council money each day and a solution was therefore needed urgently.

The solution

To fix the leak, a new section of 32mm pipe across the 500 meter section was installed. This successfully bypassed the existing leak and significantly reduced the water consumption at the site.

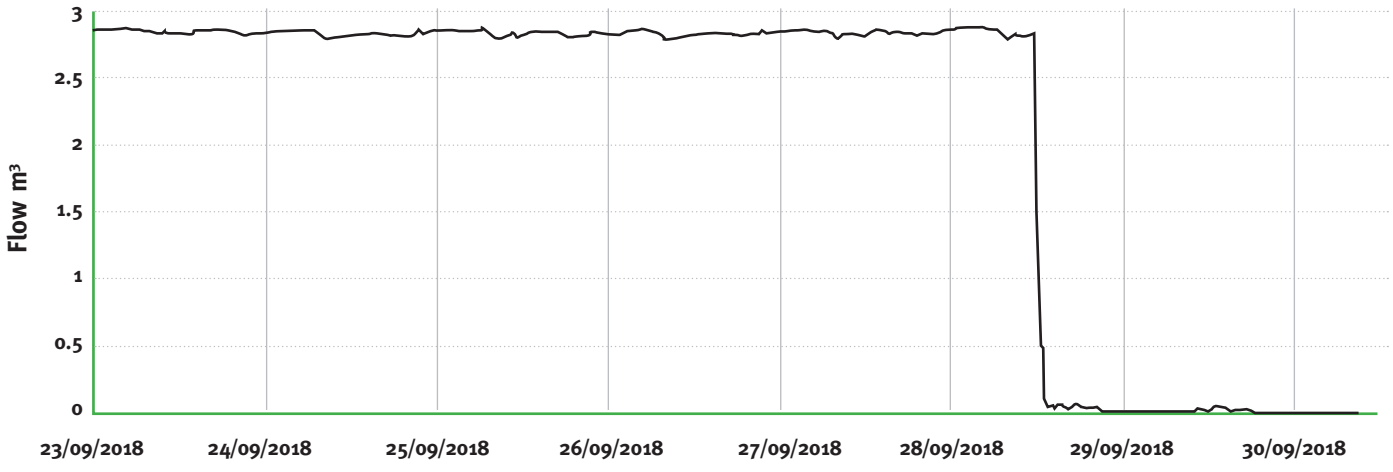
Crucially, and in order to ensure the Council could make a leak allowance claim to recoup waste water charges, Business Stream also installed a datalogger on the site's water meter prior to the works being carried out. This was left on site and reviewed after the project was completed, showing a remarkable drop in water consumption (see graph below).

The successful outcome

Business Stream acted quickly to ensure the leak was identified and fixed. Within two weeks of proposing a new pipe be installed, the work was carried out and the water flow had returned to normal.

The leak was successfully stopped and the site's water flow rate went from 2.7 m3/H to a negligable level - saving the Council 28,000m³ of water per annum.

Dundee City Council's riverside landfill site



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