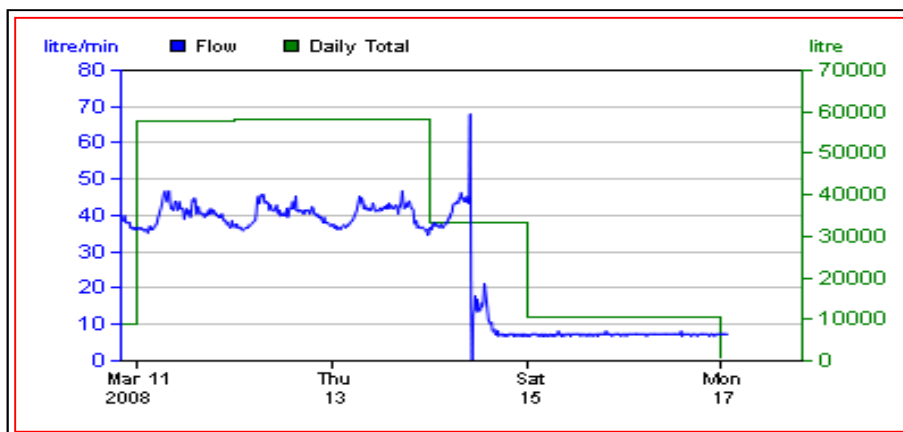




Case study: Leak detection at Pembroke Secondary College (Cambridge Campus) saves \$25,000/year

Leak Identified: 30L/minute (increasing) **Estimated annual water saving:** \$25,000/year



The MeterMate water meter monitoring service commenced at Pembroke College (Cambridge Campus) on 12 February 2008. The data collected identified the presence of a background (or base) flow rate. It also identified that the base-flow rate was steadily increasing, from approx. 18L/minute to approx. 32L/minute over a 2 week period. MeterMate staff notified the school of the suspected leak on 5 March 2008.

As a result of the data collected by the MeterMate service the school consulted a leak detection service. This resulted in the location of a significant leak and is **estimated to have saved the school more than \$25,000 per year** in unnecessary water consumption.

Given that the identified leak was increasing, and that it has been isolated to either a wall cavity or to an area under a building foundation, the savings from avoiding potential damage to school property are difficult to estimate.

Work is still being carried out to identify the source of the remaining base-flow (approximately 7L/minute).

David Williams (Property Manager—Pembroke College) was naturally very happy to have the leak identified — *“We were amazed at the volume of water lost and the detection process.”*

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