

# Chaigley School Leak Detection & Repair Report

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2<sup>nd</sup> January 2013

We attended site on Monday 31<sup>st</sup> December 2012 after receiving a phone call from the client on Friday 28<sup>th</sup> December 2012.



Picture 1 – The leakage area



Picture 2 – The temporary repair on the supply pipe

We located the leak which was leaking at a rate of **2.25m<sup>3</sup> per hour**. This equates to a usage of **54m<sup>3</sup> per day** and cost of **£140.40 per day**. Annually, this equates to a usage of **19,710m<sup>3</sup>** and a cost of **£51,246 per annum**. After locating the leak on site, we were able to excavate and repair the leak found on site there and then.

**Annual Savings: £51,000 per annum**

**Payback Period: 1 week**