



## SGE Analytical Science

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# PRESS RELEASE

**Date:** 7<sup>th</sup> August, 2009

**Title:** SGE Analytical Science reduces water usage by 25%.

SGE, the global manufacturer and supplier of analytical science consumables, announces a 25% reduction in water usage.

Over the last few years SGE have implemented various measures to save water and become more environmentally friendly. SGE has recently established a Ringwood Sustainability Team to find ways SGE can continue to make a positive impact on the environment.

SGE has four rain water tanks with a total capacity of 90,000 Litres. Rainwater collected in these tanks is used in a number of areas at the Ringwood facility, including the garden.

Through some simple yet effective methods SGE is saving 3.2 mega Litres per year. Simple changes in production have allowed for water used for cooling ovens and glass column drawing facilities to be recycled – in the past this would have been wasted.

In order to clean the glass used to make our precision syringes water that is free from any impurities is required. SGE has an osmotic water filter that is used to clean standard tap water to a suitable purity level. The osmotic water filter was producing 12 Litres of clean water per minute, however, in doing this 18 Litres of tap water per minute was wasted. After a service of the filter system by the manufacturer the efficiency was improved with the amount of water wasted reduced to 12 Litres per minute. In addition to this improvement the wastewater has now been redirected to the SGE rainwater tanks for recycling instead of going down the drain.

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