

Sustainable Strathfield

Water Savings Action Plan Project

Water Conservation at Strathfield Main Library

Background:

Strathfield Council is committed to the principles of water conservation and has set a target to reduce water consumption by 20 percent from our operations. Council believes that we have a responsibility as a water user within the region to lead by example adopting sound water management practices.

Strathfield Library is located at 65 Rochester St in Homebush. The 2,200m², two story facility has a average yearly water demand of 527,000 L/year which equates to approximately 19.6 litres/person/ per day.

Details:

In an effort to reduce the consumption of Sydney's drinking water supplies, Council has installed a rainwater harvesting system and water efficient fixtures at our main library.

Technical Details:

The rainwater harvesting system comprises four interconnected tanks which capture and store rain, supplementing the water demand for the buildings amenities. Each tank can store up to 9700 litres of water combining to store 38,800 litres of collected rainwater.

Water efficient appliances such as dual flush toilets and flow controllers have also been installed to further reduce water consumption (NB: the dual flush toilets are using the rainwater which has been harvested).

Approximate water savings per year (litres):



For information on what you can do to save water at home please visit:
<http://www.strathfield.nsw.gov.au/page/sustainability/water/>