

PROJECT DESCRIPTION

MacKillop College won a competitive grant process in late 2006, qualifying for the maximum amount of \$50,000 from the Federal Government through the Community Water Grant programme. The project involves collecting stormwater runoff from 60% of our campus catchment area for use in watering the oval and front lawns. Another water saving measure involves a new dishwasher installed in the Canteen. These efforts should save at least 1,200,000 litres of water (1.2 mega litres)!!!

With significant assistance and advice from our sponsors, a design has been implemented that ties into our existing water reticulation system. Basically, we collect the water from a stormwater in-line 3000 litre tank and use an on-demand 7.5 kW pump to rapidly transfer the water to three 45,000 litre tanks for storage. From there a 4.5kW pump is used to water the front lawns from these tanks as well as transfer water to two 12,000 litre tanks near our oval. These tanks supply the oval watering system through use of another pump.

Work-related Learning students have helped design and construct the pads for the collection and storage tanks as well as work out the details of trenching and running pipes. Other students engaged in the process through a number of promotion design competitions, involving a "waterwise" logo, a webpage, posters, and this flyer. *The winners of these design competitions received \$50 Commonwealth Bank accounts!*

PROJECT SPONSORS

Accru+
Ampersand Signs
Associated Pumps
Catholic Earthcare
Catholic Education Office
Chris Keil Electrical
Clarence City Council
Coates Hire
Commonwealth Bank
Derwent Estuary Program
Global Contract Services
Hobart Water
Howrah Plumbing
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Parents and Friends
Print Centre
Retravision
Robert Kat Excavation
Sustainable Living Tasmania
TasCon Constructions



MACKILLOP COLLEGE

**Community Water
Grants Project**



"Catch it if you can!"


Australian Government Water Fund
Community Water Grants

Don't take water for granted



Water shortage is a world-wide issue. While in Australia we are suffering through drought, people in Tanzania have been struggling to live without adequate water all their lives. While we often take clean water for granted, people in other parts of the world have to walk for many kilometres to find enough clean water to survive.

We can help by not taking water for granted, but to find out how you can help Tanzania, go to www.caritas.org.au

Thanks to the Federal Government Community Water Grant, MacKillop College will save 1.2 mega litres of water each year!

Help us save water...

- Repair leaky plumbing fixtures, such as taps and toilets. A dripping tap can waste 30 – 200 litres of water a day, while a continuously dribbling tap can waste 600 litres per day
- Look for information about the water efficiency performance of any appliances when making a purchase.
- In certain areas and with council approval, used water from showers, basins and washing machines can be recirculated to flush toilets or water gardens.

For more information, visit these websites —

Derwent Estuary Program

<http://www.derwentestuary.org.au>

Sustainable Living Tasmania

<http://www.tasmanianenvironmentcentre.org.au>

Clarence City Council

<http://www.ccc.tas.gov.au>

Catholic Earthcare

<http://www.catholicearthcareoz.net>

Department of Primary Industries and Water

<http://www.dpiw.tas.gov>

Hobart Water

<http://www.hobartwater.com.au>

Natural Resource Management Tasmania

<http://www.nrmtas.org>

