
Yarra City Yarra Water Conservation Showcase Project

Applicant Name: Yarra City Council

Project Summary:

The Project will showcase innovative water conservation across a number of City of Yarra's community facilities, including Edinburgh Gardens reserve. Rainwater tanks will be connected to a variety of applications such as toilets, hot water systems and irrigation of bowling greens. Waterless urinals and a Worm Farm Waste System will also be installed in community facilities. The nine water saving systems site are listed in Table A below.

Table A: Yarra Water Conservation Showcase

SITE	WATER SAVING SYSTEM
Kevin Bartlett Reserve - Johnston Pavilion	Installation of 3 x 300L above ground tanks to supply toilets.
Kevin Bartlett Reserve - Graham Pavilion	Installation of 1 x 13,600L above ground tank to supply toilets and showers.
Kevin Bartlett Reserve - Gillon Pavilion	Installation of slimline storage tank to supply toilets.
Kevin Bartlett Reserve - Public Toilets	Installation of Worm Farm Waste System connected to septic tank.
Alphington Bowling Club	Automatic float cut-off switch on existing large tank so that the mains keeps the tank 20% full at all times***
Fitzroy Bowling Club	Installation of above ground 20KL above ground tank connected to bowling green irrigation system. Installation of waterless urinals in the club house
Mark St Hall	Installation of 2 x 2100L water tank connected to toilets.
Edinburgh Gardens Grandstand	Installation of trafficable underground storage tank connected to sophisticated filtering and treatment plant to supply the building with potable water.

The main objective is to showcase the various ways in which water conservation can occur in a built-up urban environment. Various methods of water conservation will be demonstrated to the broad community and other Councils. The Edinburgh Gardens site will also demonstrate water conservation within a heritage listed area.

A communication plan and case study will be developed to promote the initiatives and educate relevant audience's e.g. local councils and the Royal Victorian Bowls Association. An educative program with interpretive signage will also be installed at each of the sites and a 'water walk' map developed for use by primary and secondary school students. Information will be provided on how residents and visitors can contribute to conserving water.

Project Costing:

Total Project Cost: \$213,600

Total Grant Funding: \$94,000

Total Water Substituted or Saved: 0.744 ML per annum (0.567ML Potable by Stormwater and 0.177ML saved by Water Conservation)

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