

Integrated Water Management Award – Winner

Settlers Run by Medallist Developments

Medallist Developments' Settlers Run received the award for Integrated Water Management.

Located at Botanic Ridge in the City of Casey, it is a semi-rural development which borders the Royal Botanic Gardens Cranbourne.

Water-saving methods were very important and a Water Sensitive Urban Design was used for the benefit of the community as well as the golf course.

Pipes were installed to provide class-A recycled water for irrigation. Lakes and wetlands were constructed to naturally treat storm water run-off and a 30,000-litre recycled water tank at the Golf and Country Club reuses water from drains.

Major drainage systems ensure minor flows are contained within an underground system while major flows can be catered for within roadways, designated footpaths and the golf course.

Care was given to maintaining as much of the previous landscape as possible, and minimal landscaping was done to the site. A large number of trees were retained and a further 700,000 trees were planted, mostly indigenous native stock, to boost vegetation.

Trees and shrubs were planted and positioned to reduce solar penetration in winter and boost it in the summer and offer protection from winds.

The design of Settlers Run made it a truly green and environmentally friendly place for residents to live.

What the Judges said

Following the developer's decision to obtain a recycled water licence, 120 megalitres of Class A recycled water are delivered each year from pipes installed on site. These service the golf course and the development's extensive parklands.

Water tanks to each home to feed toilet, laundry and garden are part of the project's design guidelines.

All treatment systems ensure the protection of downstream areas and include filters, drainage swales, sedimentation ponds, retarding basins and wetlands.

The result of these and other Environmental Sensitive Design principles that the 136 hectare site has adopted, means that there is not reliance on any community water supply. This is a fantastic outcome for Settlers Run, which boasts over 70% open space from an impressive golf course and lush, green parklands.

