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Dalby Wastewater Recycling Plant wins Engineering Award

Western Downs Regional Council's state-of-the-art Wastewater Recycling Treatment Plant won the 2010 Institute of Public Works Engineering Excellence Award for Water Projects up to \$5 million.

The \$2.35 million Class A+ water recycling plant was designed and built by Water Infrastructure Group. The project was an augmentation to the existing Dalby Wastewater Treatment Plant utilising existing infrastructure and a new micro-filtration plant.

Mayor Ray Brown said the calibre of finalists was exceptional, and to take out the award was evidence of the success of the State Government working with Western Downs Regional Council and Dalby Bio-Refinery Ltd to deliver this important piece of infrastructure.

"This award is testament to the outstanding work that Council's Utilities staff has done with the assistance of project partners to deliver the town's new recycled water scheme".

"The Utilities staff were up against 27 other finalists in 13 categories, so the fact that our small project won this award compared to some of the projects of the large Councils is major recognition from our peers of the plant's quality and performance."

"Since it was commissioned the plant has already had a significant impact on the volume of the Dalby town water supply, producing one megalitre of high quality industrial grade water per day. This translates into a 365 megalitres-a-year saving of Dalby's bulk water supply."

"The plant is the first of its kind in the region and has been designed to provide a dedicated recycled water supply to the Dalby Bio-Refinery," Cr Brown said.

The judges commented that it was an innovative project that will provide long-term water security to the town and put it on the front foot in managing growth. "The recycling plant was a well conceived and implemented project to provide an alternative recycled water supply to replace significant industry use of a limited potable water supply. Not only did the project meet and score well against sustainability and environmental management criteria, but also had strong economic and social outcomes for the Council," the judges stated.

During the recent floods at Dalby, the wastewater recycling plant was taken off line to protect the micro-filtration plant membranes from high turbidity caused by floodwater infiltration in the sewerage system. Once the infiltration stopped, the plant was up and running with Class A+ recycled water production back to normal within a few days.

More information

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media release

About Water Infrastructure Group

Water Infrastructure Group provides a unique combination of design, build, operate and maintenance services. We offer sole-source accountability for streamlined delivery of sustainable water infrastructure to meet community and business needs.

Our holistic approach to infrastructure delivery results in:

- Award winning innovation
- Reduced costs
- Guaranteed performance
- Individualised solutions
- Comprehensive environmental compliance
- Enhanced risk management

Water Infrastructure Group is an Australian leader in water recycling and Australia's largest supplier of Class A recycled water for farming and residential use. We have led the way with the introduction and regulatory approval of microfiltration technology for water recycling and our innovation and contributions to the water industry have been recognised by Australian and international excellence awards.

We have an extensive track record in the delivery of water and sewage treatment plants and we are one of Australia's leading infrastructure rehabilitation specialists, providing services such as pipeline inspection, assessment, linings, coatings and major valve work.

Formed in 2008, Water Infrastructure Group has over 200 people and combines the complementary skills of the former Earth Tech water projects group with Tyco's Water Technology Australia and Water Services businesses to deliver an expanded range of services that cater for the needs of customers and current developments in the water industry. More information about Water Infrastructure Group can be found at www.wigroup.com.au.

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