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Water Infrastructure Group Delivers Smart Treatment Plant in Batemans Bay

Water Infrastructure Group partnered with Eurobodalla Shire Council and NSW Department of Public Works to deliver the hi tech, \$24m Northern Water Treatment Plant at Batemans Bay on the NSW south coast.

At the launch of the new plant in June, Eurobodalla Shire Mayor Fergus Thomson said that there was no doubt that Water Infrastructure Group had delivered state of the art technology.

"I don't think ever in the past have we been so secure, have we ever been so able to recharge the dam, have we ever in the past been able to guarantee high quality water to the extent that we do today," Cr Thomson said.

Eurobodalla Shire General Manager Paul Anderson also praised the fantastic efforts of Water Infrastructure Group.

"The redesign that they did in raising the height of this facility has meant that 95% of the water that is put into the storage reservoir will gravity feed and it's only the last 5% that we will ever have to pump. The ongoing operational savings of that are yet to be tapped and it shows the benefits of a joint partnership."

"Water Infrastructure Group was able to bring the expertise to us to say look don't just look at your initial capital cost that's probably the minor part of the overall life cost of a facility such as this."

"The long term benefit that we will now as a community enjoy as a result of the insight that Water Infrastructure Group could bring, their operating experience that they were able to bring to the table, is something that this community will enjoy for years and years to come," Mr Anderson said.

Water Infrastructure Group General Manager Peter Everist explained that the plant treats 20 million litres of water per day and can be upgraded to treat 30 million litres per day in the future.

"It has been designed to cater for future growth in the region and to treat a range of source water quality so that water can be harvested during both high and low river flows."

"Operability was our key focus for this plant. Our operations team worked closely with Council operations staff during construction. A key innovation is our web-based 'virtual control room' control and automation philosophy."

"Operators can monitor the plant 24/7 in realtime and control the facility with Smartphones or iPads from literally anywhere in the world. They can also access the information they need to maintain the plant like asset management schedules and the electronic operation and maintenance manuals."

"This approach provides huge productivity benefits for operators, particularly in regional areas. They can focus on managing the overall system instead of being continually on call at the plant or spending a lot of time travelling to and from the facility. Of course, it also means they have a more normal life by minimising call outs at night and on weekends."

"With a web-based virtual control room, Water Infrastructure Group's operations team can provide the Council with specialised support from our operators at other plants or from our offices around Australia," Peter said.



media release

Financial support for the \$24 million project was partly provided by the Australian Government's Water for the Future, Water Smart Australia Program (\$5 million) which is administered by the Department of Sustainability, Environment, Water, Population and Communities. Project management support was provided by NSW Department of Public Works.

More information

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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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