

Media Release – 11 September 2009

Water Infrastructure Group to rehabilitate BOOS and NSOOS

Water Infrastructure Group has been awarded contracts from Sydney Water to undertake \$9 million rehabilitation projects for the Bondi Ocean Outfall Sewer and the Northern Suburbs Ocean Outfall Sewer Gore Creek and Burns Bay aqueducts.

The Bondi outfall sewer is over 900 metres in length and constructed in rock tunnel and wet sand trench. It has deteriorated from a combination of normal aging, infiltration and sulphuric acid attack. The outfall sewer has an oviform geometry with heights above 2.5 metres in sections and rehabilitation work will need to be carried out in live flow conditions. Water Infrastructure Group will use its proprietary Panel Lok system with techniques previously developed to rehabilitate Sydney's Western Branch Main Sewer and trial the application of Calcium Aluminate Cement for a 300m section of the work.

The Northern Suburbs outfall aqueducts are a combined 245 metres in length and constructed of concrete which has suffered significant internal deterioration from hydrogen sulphide gas. Water Infrastructure Group will use shotcrete applications and an epoxy coating to preserve the remaining concrete. The project also involves the construction of new access openings for the aqueducts and protective coating repairs to existing manholes and inlets.

Once again, work in the aqueducts will be conducted in live flow conditions and will need to be carefully managed to minimise impacts on the recreational facilities where the aqueducts are located and nearby residents. Water Infrastructure Group will use its award-winning rehabilitation techniques and community liaison processes developed during rehabilitation of Sydney's Southern and Western Suburbs Ocean Outfall Sewer.

More information

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Water Infrastructure
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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.

Some current projects from our portfolio include:

- Eurobodalla Northern Water Treatment Plant in NSW
- Barwon Water Biosolids Management Project in Geelong
- Campaspe Water Reclamation Scheme in Echuca
- Eastern Irrigation Scheme in Melbourne
- Mangawhai EcoCare Project in New Zealand
- Moura Wastewater Treatment Plant in Queensland
- Surbiton Park Recycled Water Plant in Melbourne
- Virginia Pipeline Scheme in Adelaide

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.

Water Infrastructure Group is a Tyco International Ltd company. Tyco is a diversified, global company that provides vital products and services to customers in more than 60 countries and has 118,000 employees worldwide. More information on Tyco can be found at www.tyco.com.

