

Media Release – 17 August 2009

Water Infrastructure Group starts rehabilitation of major water mains in Sydney

Water Infrastructure Group is rehabilitating the twin suction mains at the historic West Ryde Water Pumping Station for Sydney Water.

Kallard Ross, Water Infrastructure Group site engineer for the project, said that the twin suction mains have a length of around 180 metres each and are of mainly 1500 mm cast iron pipe.

“We are replacing the entire cement mortar lining. We are also fabricating and installing new cut-in access sections for each of the mains.”

“The Ryde pump station supplies drinking water to the majority of Northern Sydney so it is important that we keep the pumping station operational. Pumps are taken off line and double isolation is provided for the main in which work is being carried out.”

“We are working on one main at a time and the work is planned to be undertaken from midday to 7pm”, Kallard said.

The West Ryde Pumping Station was built in 1890 and at the time was the largest water pumping station in Australia. It was considered the most important pumping station in the Sydney Water system and was the only one with a Grade 1 Pumping Engineer in charge.

Up until the 1970s, the pumps were powered by steam produced in a large boiler house next to the pumping station. The three boilers were fired by coal delivered to the site by train and fed into the boiler house by gravity conveyor belts.

Rehabilitation work commenced in February this year and should be completed by the end of the year.

More information

Leif Ericson

03 9863 3503

lericson@wigroup.com.au



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.

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