

2 July 2011

## Water Infrastructure Group Awarded Major Sewer Rehabilitation Contract in Canberra

Water Infrastructure Group has started work on rehabilitation of a section of Canberra's Main Outfall Sewer (MOS) in Weston ACT.

ActewAGL, who manage the ACT's water network on behalf of ACTEW Corporation, engaged Water Infrastructure Group to rehabilitate the 458 metre section of the MOS between Cotter Road and Lady Denman Drive in the Equestrian Park using Water Infrastructure Group's proprietary Panel Lok PVC lining system.

Pieter Schoofs, Water Infrastructure Group project manager, said Panel Lok provided an ideal rehabilitation solution.

"The concrete lining of the MOS has deteriorated due to aggressive gas attack on the concrete surface. The narrow oviform shape of the concrete makes relining more complicated so we have carried out research and testing using a timber prototype with the exact measurements of the MOS. The results of our trials were very positive and we are now confident that we have selected the best material and developed an efficient technique for relining the MOS".

"Normally we do these relining projects in live flows, when the level drops low enough to safely enter, usually at night. For the MOS relining project, we will divert the live flow through a bypass so we can work during daytime hours and in a dry environment to ensure that we achieve the highest quality installation. This will also minimise disruption to the local community."

"In addition to the main relining work, Water Infrastructure Group is carrying out repair works on the Yarralumla Creek aqueduct and renovating four manholes with a protective coating. We will also construct a new manhole that will act as a bypass chamber and facilitate access for future maintenance," Pieter said.

The MOS is a 1.68 metre high by 1.12 metre wide oviform sewer built of brick and concrete. Construction commenced in 1915 but was delayed during World War 1 and finally completed in 1926 in time for the opening of Old Parliament House in 1927. It runs 7 kilometres underground from the former Canberra Hotel site in Commonwealth Avenue to the former Weston Creek treatment works site and is now connected by a more recent sewer to the Lower Molonglo Water Quality Control Centre.

Work on the MOS rehabilitation project commenced in June 2011 and is expected to be completed by the end of October 2011.

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More information

**Leif Ericson**

03 9863 3503

[lericson@wigroup.com.au](mailto: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.

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](http://www.wigroup.com.au).

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