



Media Release

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World-class water recycling facility for Western Sydney

Sydney Water has awarded a contract to build one of the most advanced wastewater recycling facilities in the southern hemisphere, in Western Sydney.

The contract to construct and operate the Upper South Creek Advanced Water Recycling Plant (AWRC) has been awarded to a consortium of John Holland, TRILITY, GHD and Jacobs.

Operating at full capacity, the facility will treat around 70 megalitres of wastewater each day and produce high-quality treated water for sustainable use in homes and businesses across western Sydney, and biosolid products for use in agriculture.

Sydney Water Managing Director, Roch Cheroux said the plant is an important piece of infrastructure for the region and will leave a positive legacy for the communities of Sydney.

“AWRC will produce high-quality water suitable for a wide range of non-drinking uses for homes, businesses, industrial sites, agriculture and for the watering of public open spaces,” Mr Cheroux said.

The world-class leading facility will be located between Kemps and South Creek and service the Aerotropolis and Western Parkland City.

John Holland will be responsible for the design and construction. GHD and Jacobs will provide engineering and design services, while Trility will provide operations and maintenance advice as the project is delivered.

In a joint venture with John Holland, Trility will be responsible for the operations and maintenance of the facility for up to a 10-year period once completed.

John Holland’s General Manager of Water and Optimisation, Margaret Riley said she’s thrilled to continue a long-term collaboration with Sydney Water alongside partners Trility, GHD and Jacobs.

“It’s exciting to launch a project with such industry leading circular economy ambitions and Sydney Water is to be congratulated on its vision,” Ms Riley said.

TRILITY’s Managing Director, Francois Gouws, echoes the sentiments of its joint venture partner.



“It’s a real privilege to be working in collaboration with Sydney Water and alongside our partners John Holland, GHD, and Jacobs on such an exciting project, and one with motivations to drive innovation and a circular economy,” said Mr Gouws.

The Upper South Creek Advanced Water Recycling plant is due to be operational in 2026.

Media Contacts:

Emily Waters: 0436 468 971

Robert Grasso: 0498 133 109

Media contact (24 hours): 8849 5151

