

We've finished our work

The new Kemps Creek Dual Pressure Mains project is now complete. We thank the community for your patience as we completed this important project.

Now the work has finished, the benefits to our community include:

- new and upgraded wastewater infrastructure to support future growth
- efficient and cost effective wastewater services for residents of Austral, Kemps Creek and the broader Kemps Creek catchment area in the South West Growth Area (SWGA)
- sustainable wastewater services that support a cooler, greener Western Parkland City.

Kemps Creek Dual Pressure Mains project

The Kemps Creek Dual Pressure Mains (KCPM) project involved the construction of two 6.8 kilometres of wastewater pipes (known as pressure mains) from the recently completed pump station at Gurner Avenue, Austral, to the Upper South Creek Advanced Water Recycling Centre (AWRC) being constructed at Kemps Creek.

What are wastewater pressure mains?

Wastewater pressure mains are pipelines that carry wastewater under pressure from a pump station to a wastewater treatment plant. Pumps or compressors located in a wastewater pump station provide force for wastewater to travel through the wastewater mains.

Now the pressure mains are completed what will they do?

The wastewater pressure mains will transfer wastewater collected from homes and businesses in Austral, Leppington North, parts of Leppington, parts of Catherine Fields North, Rossmore and Kemps Creek (known as the Kemps Creek catchment area) to the AWRC to be treated.

The AWRC is a sophisticated wastewater treatment and resource recovery centre that will produce recycled water, renewable energy and bioresources. It will use reverse osmosis – the same technology used by the desalination plant – to treat water to a high quality.

When completed in early 2026, the AWRC and associated pipelines will deliver sustainable wastewater services and high-quality recycled water to support a cooler, greener Western Parkland City.



Kemps Creek Pressure Mains Project Team

Why did we need to improve our wastewater services?

Building new wastewater networks in Sydney enables new communities to grow.

We're building essential infrastructure to support the population and economic growth of the Western Sydney and Aerotropolis Growth Areas.

Spanning 11,200 hectares, the Western Sydney Aerotropolis presents a generational opportunity to create a thriving economic hub set to provide thousands of new jobs closer to home for the people of Western Sydney.

The NSW Government released the [Aerotropolis Sector Plan](#) in February 2025. The Sector Plan sequences and prioritises infrastructure projects in the Aerotropolis, focusing on roads and water-related infrastructure.

We know that construction, delivery and operation of our services and infrastructure are a critical piece to unlock development and bring investment to this growing and thriving area.

Delivering new and upgraded water and wastewater systems and services means we can support the NSW Government's growth ambitions and is aligned with housing supply policy. New infrastructure, amplifications and upgrades will ensure the resilience and reliability of our water supply for generations to come.



Artist's impression of the new Aerotropolis Integrated Water Cycle Management scheme

We've got one to go for you Kemps Creek!

Bonds Creek Carrier Extension Project

Work on the 1.4-kilometre pipeline is moving forward, set to connect with the newly completed Austral Leppington Wastewater Stage 3 Project. Completion is expected by late 2025, weather permitting.

This extension will improve wastewater flow from Austral Leppington to the Upper South Creek Advanced Water Recycling Centre, enhancing reliability and sustainability. Once operational, it will serve 2,000 more lots - another big step in local infrastructure.

Stay tuned for updates as we near the finish line!

sydneywater.com.au

JULY/2025



Installation of maintenance hole within private property

We thank our community for supporting us during our work so that we can provide resilient, safe and reliable water services for generations to come.

To know more



Email

kempscreekwastewater@sydneywater.com.au



Visit

www.sydneywater.com.au/kempscreekmains
www.sydneywater.com.au/bonds-creek-carrier



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