

West Camden Water Resource Recovery Facility upgrade is now complete

Sydney
WATER



Sydney Water has now completed the essential upgrade of the West Camden Water Resource Recovery Facility (WRRF).

The project was officially opened with the Minister for Water Rose Jackson, Camden MP Sally Quinnell and Sydney Water's Acting Chief Executive Paul Plowman. The upgrade will enable Sydney Water to service growth within the Camden area, and plays a pivotal role to ensure that water will continue to be available to support local agricultural businesses and to maintain healthy waterways. Sydney Water and our delivery partners, Downer and BMD, would like to sincerely thank the community for their patience while we completed this essential upgrade.

"This project has been a challenge, overcoming significant events including floods, the lingering impact of COVID and a very busy construction sector. Downer and BMD are proud of our people involved in delivering this project including our contract delivery partners. It is a testament to each of them that we stand here today able to say we delivered this essential piece of infrastructure to the community on behalf of Sydney Water."

Josh White
BMD Project Director



Official opening – Pictured Minister for Water Rose Jackson, Camden MP Sally Quinnell, Sydney Water Acting Chief Executive Paul Plowman and project team members.

What we've delivered for our community

We've completed a major upgrade to improve wastewater services and protect our local environment. Here's what's new:

- **world-class treatment technology:** we built the largest Membrane Bioreactors in the Southern Hemisphere, helping us treat more wastewater to a higher standard
- **improved screening:** modifications to the existing inlet works now allows handling of higher flows and provides better screening of incoming wastewater
- **cleaner water for our environment:** the new treatment process significantly reduces nitrogen and phosphorus levels in the water we release to the environment, meeting environmental standards and enhancing the health of our natural waterways, including Matahill Creek
- **better biosolids management:** we've improved how we process and manage biosolids, including the digestion, thickening, dewatering, and transport processes. Reducing odours and environmental impact while being reused in agriculture as fertiliser and soil conditioner
- **modern infrastructure:** we've upgraded site-wide utilities, added a new switch room and internal access roads
- **reliable power and control systems:** a second high-voltage power feed and upgrades to our electrical, control, and monitoring systems ensure reliable operations.

The benefits:

- The upgrade has doubled the plant's treatment capacity to service new dwellings in the catchment supporting growth as the area develops.
- Implementing new technology, which allows us to treat the wastewater to a very high standard. This means that the treated water released to the environment, including Matahill Creek will have a very high quality and will improve waterway health.
- The new technology also requires less space on site. The older structures have been repurposed to increase our emergency storage capacity, which will improve environmental outcomes during wet weather events as it reduces the risk of overflows.

We would like to sincerely thank the community for your patience while we carried out this important work.



West Camen WRRF and surrounding area – view north from Sheathers Lane

Our commitment to help the environment:

We partnered with Camden Council to celebrate National Tree Planting Days offering the community and the project team twice the fun in attaining our biodiversity offset and getting locals involved in planting at Elizabeth Macarthur Reserve and Spring Park.

The new technology, including four membrane bio-reactors, requires less space, minimises community impact, and has a smaller carbon construction footprint.

As part of our commitment to conservation, we've established a dedicated area of Cumberland Plain Woodland (CPW) – a vital native habitat – within our operations area. This helps preserve local biodiversity and supports surrounding communities with more natural green space.

If you have any questions, contact us on:



Web:
[Sydneywater.com.au/west-camden](https://sydneywater.com.au/west-camden)



Email us:
WestCamdenWRP@sydneywater.com.au



To find out more about the project please visit our **SydneyWater Talk Page**

Need to contact us on another matter? Call our Contact Centre on **13 20 92**

We take both the privacy and security of your data seriously. To find out how we use and protect your data, please refer to the Sydney Water Privacy Policy on our website.