

North West Treatment Hub

Delivering our water future

Sydney Water is delivering a transformative investment in our city to ensure our water, wastewater and stormwater systems meet the needs of our customers now and in the future.

Our infrastructure delivery is timed to 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.

The expansive program of work is being delivered across Greater Sydney, including the Blue Mountains and the Illawarra. A significant number of projects are currently in planning, while many are in delivery or have been completed.

Explore the [Major Projects Pipeline](#).

The population in Sydney's North West is expected to double by 2036. Development in the Metro North West Growth Corridor and North West Growth Area has accelerated, so we're creating the North West Treatment Hub to ensure the ongoing reliability and enhance the resilience of wastewater treatment in the region.

The project includes upgrades to at Castle Hill, Riverstone and Rouse Hill Wastewater Resource Recovery Facilities which will improve the environmental performance of these plants. The Hawkesbury Nepean Nutrient Framework – a new framework for managing nutrients discharged into the Hawkesbury Nepean River – comes into effect in mid-2024 and these upgrades are required to ensure that all treatment plants in the North West will be able to comply with load limits into the Hawkesbury Nepean river catchment.

This project aims to respond to these challenges by increasing the wastewater system's capacity to accommodate growth in the North West while supporting cleaner, healthier waterways and reducing their impact on the local community. As we upgrade current infrastructure, Sydney Water is looking for better ways to manage our community and environmental impacts, including innovative new technologies to manage potential impacts.

Investment



**\$500m -
\$1 billion**

Benefits for our customers and communities



1000 new jobs supported once completed



Save 3000 ML/y of drinking water through recycled water upgrades



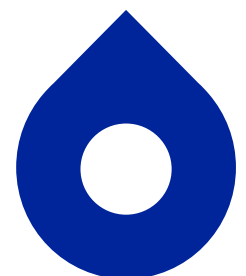
Service 200,000 additional homes by 2056



Service 600,000 people by 2056



Protect local waterways and aquatic ecosystems via environmental flows



Location



Project timeline



Contact us

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(9am – 5pm, Monday – Friday)

Interpreter service 13 14 50

This information is correct at the time of printing.

