



## Building a resilient wastewater system

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

We have a number of major projects underway in the Rouse Hill area to upgrade the Rouse Hill Water Resource Recovery Facility (WRRF). This will enable us to accommodate the area's projected housing growth - including an additional 24,000 dwellings in the Metro Northwest Urban renewal corridor - while providing reliable and resilient wastewater treatment.



## North West Wastewater Connection project kicks off

Our most recent project is the North West Wastewater Connection, which will connect the pumping station at Taylee Place, Rouse Hill to the Rouse Hill WRRF via a new 800 metre underground pipeline. You can see the tunnel alignment on the map.

We will also be upgrading the pumping station, installing an odour control unit and an emergency generator for back-up power supply. All of this work will reduce the risk of wastewater overflows to the environment.

Our delivery partner Ironbark Joint Venture (IBJV) has set up work sites at the Rouse Hill WRRF, the pumping station at Taylee Place and on leased land at Lot 96 Hare Place.

We have been talking to property owners surrounding these sites and along the tunnel alignment about the project, what they can expect and how we will minimise impacts.

In mid-February we started excavating pits at each site for entry and receipt of our tunnel boring machine. To minimise disruption from this work, we will install temporary noise barriers and monitor air quality, noise and vibration levels.

Tunnelling will start from May. We will keep residents informed of the tunnelling process.

For more information about the project, including how we will manage construction noise and vibration, please visit our website at [www.sydneywaterwalk.com.au/north-west-wastewater-connection](http://www.sydneywaterwalk.com.au/north-west-wastewater-connection)

## Staying informed

You can subscribe to our regular updates to get the latest news, project milestones and important notices about the North West Wastewater Connection directly in your email inbox. Contact us at [northwestwastewaterconnection@sydneywater.com](mailto:northwestwastewaterconnection@sydneywater.com) or **1800 010 556**.

### DID YOU KNOW?

Did you know that upgrade work at the Rouse Hill and Riverstone WRRFs will support an additional **45 megalitres of wastewater** each day. That's equivalent to **18 Olympic sized swimming pools!**

## Meet our Community and Stakeholder Manager Dan

Dan will be out and about in the local community talking to residents and answering questions about the North West Wastewater Connection.

He may knock on your door to drop off information or you may meet him at one of the community pop-up events we will host throughout the year.





## North West Treatment Hub

The North West Treatment Hub program is underway with upgrades at Rouse Hill as well as Riverstone and Castle Hill WRRFs. Most of the work is taking place within our sites, minimising the impact to the local communities.

The North West Treatment Hub Program is made up of the growth and compliance programs, which will ensure we cater for housing growth, and improve water quality. Our growth program will increase the capacity of the wastewater system to address housing growth. Our compliance program will improve water quality and reduce odour, ensuring we continue to comply with NSW Environment Protection Authority guidelines.

The Rouse Hill compliance program is being delivered by Fulton Hogan. We have just published a Review of Environmental Factors Addendum (REFA) for this work as we need to clear more vegetation within the WRRF to establish a new connection to the existing pumping station on site.

Any vegetation removed will be offset in line with Sydney Water's biodiversity guidelines.

The Rouse Hill growth program is being delivered by the North West Hub Alliance - a partnership between Sydney Water, John Holland, KBR and Stantec and will increase the volume and efficiency of treating liquid waste. The next phase of work involves delivery of a



Most of the North West Treatment Hub program work will take place on site at the Rouse Hill Water Resource Recovery Facility. Pictured here is excavation work for the growth program.

new wastewater treatment process using membrane technology on site to cater for the growth, improve the quality of the effluent water into the creek to a higher standard to comply with the NSW EPA legislation, and to improve reliability of the recycled water treatment process.

To view the REFA or for more information about the North West Treatment Hub, please visit the project website at [www.sydneywatertalk.com.au/north-west-treatment-hub](http://www.sydneywatertalk.com.au/north-west-treatment-hub).



The wetland attracts a variety of wildlife.

## Rouse Hill Wetland Renewal Project Survey

We've received a strong response to the Rouse Hill Wetland Renewal survey, with valuable feedback on community use, concerns and suggestions. The survey is still open if you want to contribute your thoughts.

The community has said they enjoy accessing the wetland for activities such as personal exercise, dog walking, bird watching, recreational fishing and nature photography.

Users would like to see upgraded walkways, bike paths, benches, rubbish removed, habitat protected, and water pollution addressed.

The Rouse Hill Wetland Renewal project aims to improve liveability for the community, ensuring our water and recreation areas remain clean and safe.



If you would like to provide your feedback please scan the QR code below or go to <https://forms.office.com/r/rcC6NqEaV5>. We're keen to ensure community needs are considered in the planning and design of this project!

To learn more please contact [rousehillwetland@sydneywater.com](mailto:rousehillwetland@sydneywater.com) or 1800 659 809.

