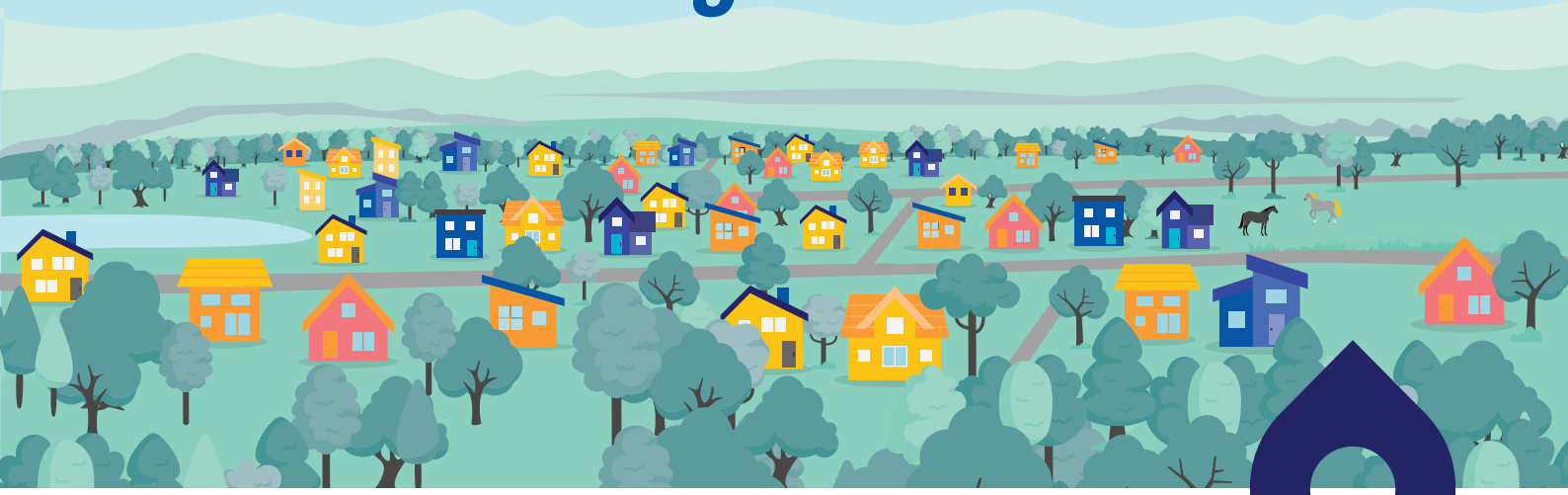
Upper South Creek Networks Program

Sydney WATER



Community update

November 2025

As we look towards the future, the landscape of Western Sydney is set to transform. Greater Sydney's population is forecast to reach 8 million people over the next 40 years, with a significant number of people expected to live and work in the area.

We are investing now to transform and integrate our water, wastewater, stormwater and recycled water systems to ensure we can continue to provide safe, reliable and affordable services to customers as the region continues to grow. This will help respond to the effects of a changing climate and ensure the health and amenity of Greater Sydney's beautiful waterways.

As part of this work, the Upper South Creek Networks (USCN) Program is expanding to meet increasing demand for world-class water services.

The USCN Program will now provide wastewater infrastructure to eight precincts:

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- Agribusiness
- Austral Leppington
- Badgerys Creek
- Cosgroves Creek
- Lowes Creek
- Mamre Road
- South Creek
- Thompsons Creek

Key developments driving this growth include the new Western Sydney International Airport and Bradfield City Centre. To support this, wastewater from the Upper South Creek area will be sent to the Advanced Water Recycling Centre in Kemps Creek. There, the wastewater will be treated using the same high-tech process used at the Sydney desalination plant, called reverse osmosis. This will turn the wastewater into high-quality recycled water that can be safely used for things like watering parks, farming, and helping local rivers and creeks.

This Program will deliver sustainable wastewater infrastructure with a wide range of benefits for the entire community including:

Efficient and cost-effective wastewater services

466,000 new jobs supported in the catchment by 2056

115km of wastewater infrastructure

11 pumping stations to service growth in the area

143,000 new dwellings serviced by 2056

Reducing groundwater pollution by replacing septic tanks with wastewater infrastructure

Protecting local waterways and aquatic ecosystems via environmental flows

The Program will be delivered in stages over the next decade, with work currently underway on the first three stages (map overleaf). Delivering in stages allows us to prioritise the delivery of infrastructure in the areas that will be developed first and means that the right services are delivered at the right time.

Stage 1

We have completed site investigations and met with directly impacted landowners. During these meetings, we presented the latest design and explained how landowner feedback has been considered since the early design phase for the South Creek, Cosgroves Creek, and Thompsons Creek precincts.

South Creek precinct – In early May, we engaged Fulton Hogan to start construction of the new South Creek pumping station, north of Elizabeth Drive. Construction of the South Creek pumping station and wastewater pipelines is expected to finish in late 2026, weather and ground conditions permitting.

Cosgroves Creek precinct – In late July, we engaged Quickway Constructions to begin work on the new Cosgroves Creek pumping station, located on Luddenham Road. Construction of the pumping station and associated wastewater pipelines is expected to be completed by mid-2027, subject to weather and ground conditions.

Thompsons Creek precinct – Construction in this precinct is expected to start in the coming months and will be completed in 2027.

Badgerys Creek precinct – Site investigations are underway and the design work for Badgerys Creek Stage 2 is progressing. We are meeting with directly impacted landowners to present the latest design, provide an update on the proposed wastewater infrastructure and explain how we have considered landowner feedback since the early design phase. Construction will start in early 2026 and is expected to be completed in 2027.



Stage 2

CreekConnect is progressing the early design work for the wastewater infrastructure in the four precincts that form stage two:

Thompsons Creek stage 2 precinct – Will include a pumping station and about 12 km of wastewater pipelines.

Cosgroves Creek stage 2 precinct – Will include two pumping stations and about 6 km of wastewater pipelines.



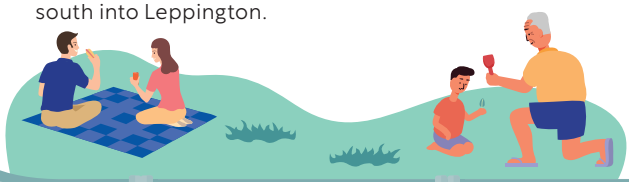
Agribusiness precinct – Will include a pumping station and about 7.5 km of wastewater pipelines.

Lowes Creek precinct – Will include a new pumping station and approximately 12 km of wastewater pipelines. The timing for delivery will be determined as we finalise designs, with around 4 km planned for delivery in 2027 and the remaining 8 km from 2028.

Site investigations have started in September 2025 and will continue until late 2025.

Stage 3

Austral Leppington precinct – Work will include construction of the Kemps Creek pumping station on Gurner Avenue and about 6.8 km of wastewater pipelines from Thirteenth Avenue, Austral extending south into Leppington.

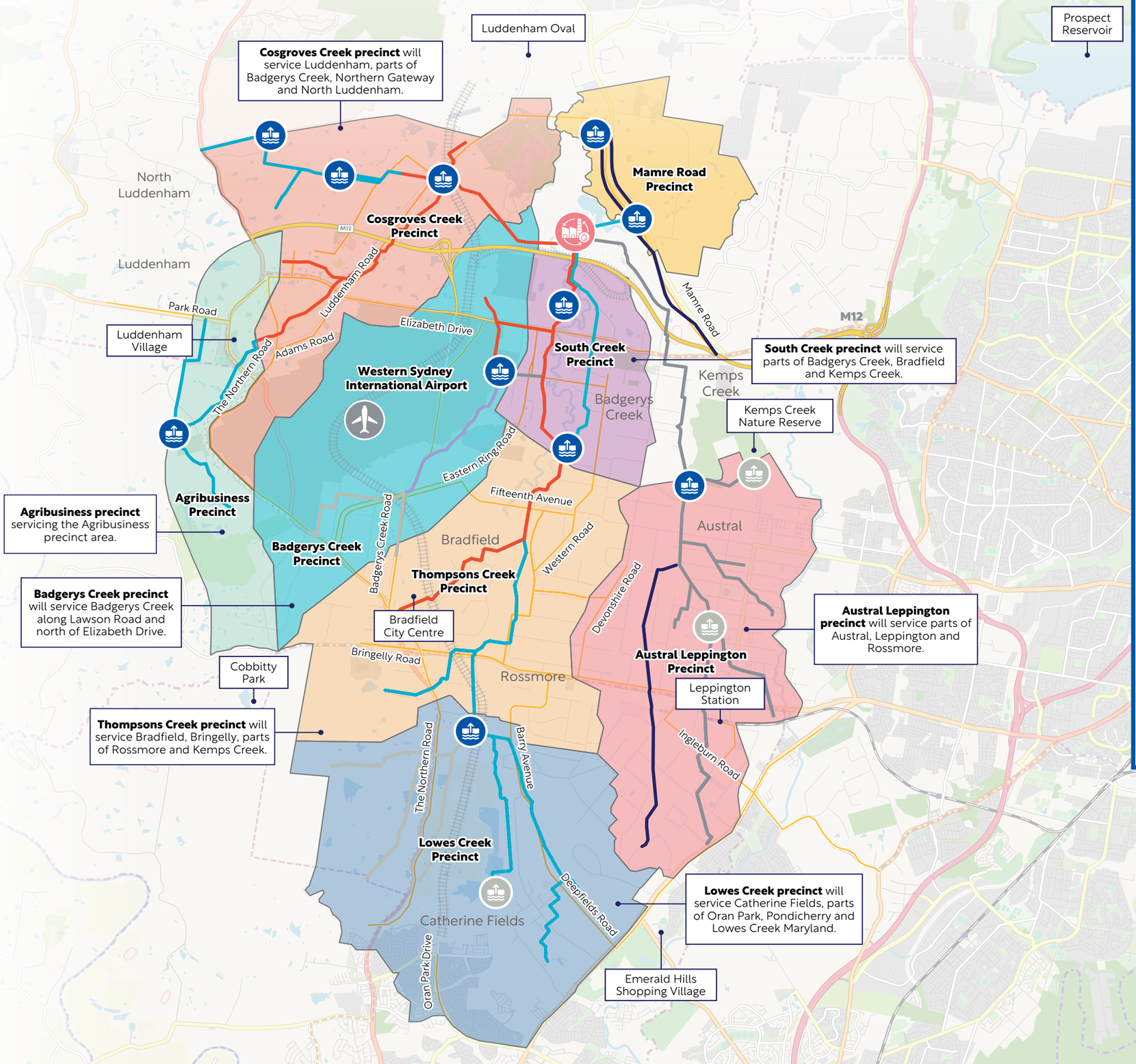


Mamre Road precinct – This stage of work will deliver essential infrastructure along Mamre Road from Bakers Lane to Kerrs Road. It will include two wastewater pumping stations, 6.4 km of wastewater and 5.7 km drinking water pipelines.

Site investigations are underway to help us progress design, with construction planned to start in 2026.

Upper South Creek Networks Program Precinct Map

Sydney WATER



Legend

- Advanced Water Recycling Centre
- Western Sydney International Airport
- Sydney Metro
- Pumping station (to be constructed)
- Pumping station (constructed)
- Badgerys Creek Stage 1 (delivery 2028–2029, West Region)
- Wastewater pipelines (constructed)
- Future wastewater pipeline (timing TBC)

Stage 1

- Wastewater pipelines (to be constructed in Stage 1)
- Badgerys Creek Precinct
- Cosgroves Creek Precinct
- South Creek Precinct
- Thompsons Creek Precinct

Final design: mid-2024 to late-2025
Construction: mid-2025 to 2027

Stage 2

- Wastewater pipelines (to be constructed under Stage 2)
- Agribusiness Precinct
- Cosgroves Creek Precinct
- Lowes Creek Precinct
- Thompsons Creek Precinct

Early design: mid-2025 to early-2026
Final design and construction: 2026 to 2029

Stage 3

- Wastewater pipelines (to be constructed under Stage 3)
- Austral Leppington Precinct
- Mamre Road Precinct

Final design: mid-2025 to 2026
Construction: early-2026 to 2030

Note: Indicative only – subject to design development.

An optimised solution

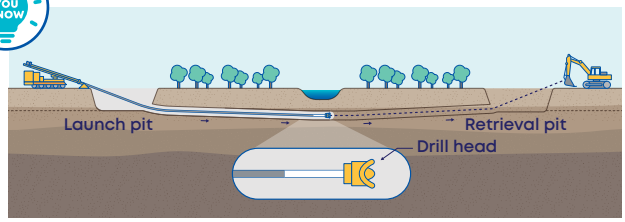
Sydney Water and our delivery partner, CreekConnect, have been reviewing the proposed infrastructure across the eight precincts and developed an optimised solution. This reduces the number of pumping stations and kilometres of pipelines whilst still servicing the area.

The key changes with the optimised solution include:

- The South Creek pumping station will have a larger capacity which means the Badgerys Creek Stage 2 pumping station is no longer needed.
- Wastewater from the airport will now be transferred to the Advanced Water Recycling Centre (AWRC) via the South Creek precinct instead of the Badgerys Creek precinct. This means that construction in the South Creek precinct has been prioritised to service the airport when it opens in late 2026.
- An additional section of pipe will now be installed to cross South Creek and connect to the Thompsons Creek pumping station. This new section of pipe will join the South Creek and Thompsons Creek systems together.

Throughout the optimisation review process, we have been engaging with all impacted landowners and will continue to provide updates on any further changes.

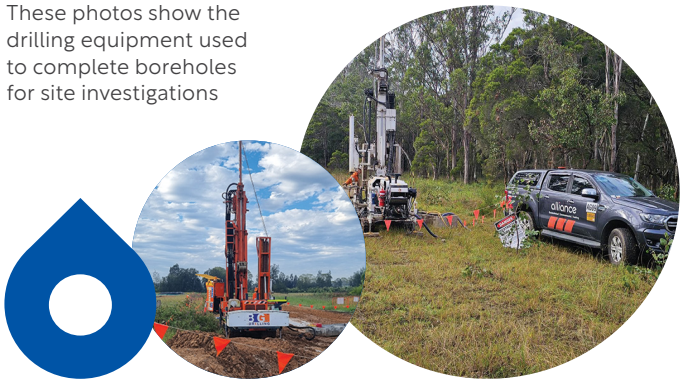
DID YOU KNOW



Underground drilling

We will be installing approximately 65 km of wastewater pipeline across three stages using underground drilling. This method involves digging a launch and retrieval pit, then using a drill head to tunnel beneath the surface and push the pipe between the two points. The pipeline depth will vary across the USCN Program, reaching up to 17 metres underground in some areas. By working below the surface, we are able to minimise disruption to vegetation, creeks, private properties, and roads, while also reducing noise and vibration during construction.

These photos show the drilling equipment used to complete boreholes for site investigations



Earthworks at South Creek pumping station



Site investigation work

We are rolling out a comprehensive program of site investigations across multiple precincts to help us finalise the designs and plan for construction.

This includes:

- **Topographical survey** – mapping surface features of the land to understand the terrain and any potential obstacles.
- **Locating underground services** – finding existing underground utilities like water, gas, and electricity lines to avoid any disruptions during construction.
- **Geotechnical work** – digging small test pits and drilling holes to collect soil and rock samples, which help us understand ground conditions and ensure the stability of our infrastructure.
- **Groundwater monitoring** – checking groundwater levels to assess potential impacts on construction and plan for proper drainage.
- **Seismic line surveys** – studying geological structures below the ground, to help confirm that pipe locations are safe and efficient.

We understand that our work can be disruptive and appreciate the cooperation of landowners who have allowed us to access your properties to complete our site investigations.

Servicing Western Sydney

In addition to the USCN Program, Sydney Water is delivering essential infrastructure services across the Western Sydney Aerotropolis to support growth and development. Some of our current projects in the area include:

Badgerys Creek Stage 1

Infrastructure is being delivered by our West Region Delivery Team, with construction of a pumping station currently underway at Lawson Road, Badgerys Creek. Construction of a new wastewater pipeline south of Pitt Street is planned to start in mid-2026. For more information, please contact the West Region Delivery Team on 1300 653 817 or email **westregiondelivery@sydneywater.com.au**

Western Sydney Aerotropolis stormwater

As the Regional Stormwater Authority for the Western Sydney Aerotropolis, including the Mamre Road Precinct, Sydney Water continues to progress planning for key stormwater schemes across the region. This includes:

Wianamatta Badgerys & Cosgroves – During the exhibition of the Aerotropolis Draft Integrated Stormwater Scheme Plan, we received over 100 individual submissions and engaged with more than 70 landowners across the Aerotropolis Initial Precincts. A summary of the feedback is now available in the Consultation Outcomes Report, which can be accessed via our website.

Duncans Mulgoa – We recently exhibited the Aerotropolis Draft Integrated Stormwater Scheme Plan for Duncans Mulgoa, which covers a significant portion of the Agribusiness Precinct. We are currently reviewing the feedback received and preparing a Consultation Outcomes Report, which will be published soon.

Mamre Road Precinct – The Development Servicing Plan (DSP) for Mamre Road was officially registered in May, marking a significant milestone as the project transitions into its delivery phase. We are now working closely with landowners and developers to plan and progress construction activities.

Looking ahead – All stormwater scheme plans are progressing toward finalisation, which is now expected in early 2026 and will be available on our website to view. Once finalised, we will invite feedback on the Development Servicing Plan (DSP), which covers the scheme areas. This is planned for quarter one of 2026, with registration to follow soon after.

Find out more – Visit **https://aerotropolisstormwater.mysocialpinpoint.com.au/** to find out about our Aerotropolis stormwater program.

Working with the community

We recognise that several construction projects are already underway in the region, and Sydney Water is committed to working with the community to keep disruptions to a minimum. As delivery of the USCN Program progresses, we will continue to work with directly impacted landowners and stakeholders and keep the community up to date about our work.

Contact us

For more information about the USCN Program, scan the QR code to view our project webpage or visit **www.sydneywater.com.au/uscnetworks**

You can also contact our community engagement team on

1800 010 083

uscnetworks@sydneywater.com.au



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Se hai bisogno di un interprete, chiama il numero sopra

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