

Upper South Creek Networks Program



Community update

October 2024

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 climate change and ensure the health and amenity of Greater Sydney's beautiful waterways.

By 2056, it is estimated 90,000 new dwellings and 200,000 new jobs will be located within the Upper South Creek (USC) Catchment. Key developments include the new Western Sydney International Airport and Bradfield City Centre.

The Upper South Creek Networks (USCN) Program will support the growth and development in the region by progressively delivering over 96 km of wastewater pipelines and nine pumping stations over a 12-year period.

The wastewater will be transferred from the USC catchment to the new Advanced Water Recycling Centre (AWRC) already under construction at Kemps Creek, where it will be recycled using reverse osmosis (the same technology that is used at the Sydney desalination plant) to produce high-quality treated water for sustainable, non-drinking water reuse and environmental flows.

The USCN Program will provide wastewater infrastructure to the five precincts in the USC catchment:

- Badgerys Creek
- Cosgroves Creek and Agribusiness
- Lowes Creek
- South Creek
- Thompsons Creek

Please refer to the map on page 4 for the precinct locations.

Delivery partner

We are pleased to announce that we have appointed Jacobs and Seymour Whyte joint venture to help Sydney Water deliver the first stage of this important wastewater program. Jacobs and Seymour Whyte have had decades of experience in delivering complex infrastructure projects, both globally and locally in western Sydney. The joint venture is called CreekConnect highlighting the project's key purpose of connecting the five precincts to the AWRC and connect communities to world-class wastewater services.

Sydney Water and CreekConnect will work together to ensure the work is delivered safely while minimising impacts on the environment and the community.

Engagement to date

Earlier this year we met with landowners whose properties are located along the alignment of the

first stage of construction in the Cosgroves Creek, Thompsons Creek, and South Creek precincts.

During these meetings, landowners told us that they understand the need for the wastewater servicing infrastructure and support the long-term benefits the USCN Program will bring to the region. We also heard that the community would like to know what was happening on their property and how construction will be managed, when construction would start, and how the new infrastructure will be built.

We shared the proposed design in relation to their property, explained the construction impacts and mitigation measures, and listened to feedback on the design. We are considering the feedback we received and will provide an update to landowners early next year.

Sydney Water and CreekConnect are committed to ongoing engagement with landowners and the community. We will continue to keep landowners informed as we finalise the design and prepare for construction.

Ongoing investigation work in your area

Over the next few months, Sydney Water and CreekConnect will be conducting site walks, geotechnical, ecological and Aboriginal heritage assessments to help the project team finalise the design and plan for construction of the new wastewater infrastructure.

There may be times when we will need to access your property to carry out these assessments. If that happens, we will contact you directly to discuss the details and set up a convenient time.

Looking ahead

Major construction for the first stage of the USCN Program is set to start in early 2025. This work will take place in several stages across multiple precincts.

Badgerys Creek precinct will be delivered in two stages. Stage 1 is being delivered by our West Region Delivery Team. The construction of a pumping station is underway at Lawson Road, Badgerys Creek. For more information, please contact the West Region Delivery Team by calling 1300 653 817 or email westregiondelivery@sydneywater.com.au

The delivery of stage 2 will be managed by CreekConnect. We are progressing the design for

the wastewater infrastructure, and we will continue to engage with landowners as we finalise the design and prepare for construction.

South Creek precinct will transfer wastewater from parts of Badgerys Creek and Kemps Creek to the AWRC. It will include one pumping station and about 5km of wastewater pipeline between South Creek and Martin Road, Badgerys Creek. Our team is progressing the design and CreekConnect expect to start construction in early 2025.

Thompsons Creek precinct will be delivered in three stages and will transfer wastewater from parts of Kemps Creek, Badgerys Creek, Rossmore and Bringelly to the AWRC. Stage 1 will deliver about 9km of wastewater pipeline and one pumping station. Construction is expected to start in mid-2025. Stage 2 is planned to be constructed after the completion of stage 1 and will include one pumping station and about 17km of wastewater pipeline. Stage 3 is in the early design phase. This stage will service a part of Bringelly in the Dwyer Road precinct. We will keep the community informed as the design progresses.

Cosgroves Creek precinct will be delivered in two stages. Stage 1 will deliver about 13km of wastewater pipeline and one pumping station with construction expected to start in mid 2025. CreekConnect will manage the delivery of this precinct. We aim to start the design for stage 2 in early 2025 and construction after the completion of stage 1. This will include about 6km of wastewater pipeline and two pumping stations.

Agribusiness precinct design work for the infrastructure will start in early 2025 and we aim to start the construction at the same time as Cosgroves Creek stage 2 in mid 2025. In this precinct we will construct about 11km of wastewater pipeline and one pumping station. We will keep the community informed as the design progresses.

Lowes Creek precinct will be delivered in two stages. Our West Region Delivery Team is currently delivering stage 1, which includes a new pumping station at the end of Jersey Road, Oran Park. For more information, please contact the West Region Delivery Team by calling 1300 653 817 or email westregiondelivery@sydneywater.com.au

We have started the design for stage 2 of Lowes Creek where we plan to deliver about 12km of wastewater pipeline and one pumping station.

We recognise that several construction projects are already underway in the region, and we aim to keep disruptions to a minimum. We will continue to keep the community informed as we finalised the designs for each precinct and before we start construction.

Servicing Western Sydney

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

Advanced Water Recycling Centre (AWRC)

The AWRC will facilitate growth, contribute to providing cost-effective wastewater services, the production of high-quality treated water for sustainable reuse of non-drinking water in households and businesses. The AWRC will take flows from the new wastewater pipelines via pumping stations and produce high-quality treated water. The AWRC is currently under construction. For more information on the AWRC, please visit

www.sydneywatertalk.com.au/uppersouthcreek

Stormwater management

We have been appointed the trunk drainage authority for the Aerotropolis precincts. This stormwater infrastructure will be designed to complement the natural environment and provide thriving and liveable spaces for our new communities to enjoy. It will be incorporated with our wastewater, drinking water and recycled water network.

For more information about this work and to get in touch with the team, please see

www.sydneywatertalk.com.au/aerostormwater

Drinking water services

We are delivering drinking water infrastructure to service the initial precincts and future growth across the Aerotropolis. This infrastructure is being delivered in stages in line with priorities determined through discussions with councils, the Department of Planning, Housing and Infrastructure and developers.

We have already delivered new trunk mains along Luddenham Road, Badgerys Creek Road and Elizabeth Drive, and work is currently underway to install new trunk mains at Kemps Creek.

Working with the community

Sydney Water is committed to working with the community to minimise impacts on the environment and the community. Throughout the delivery of the USCN Program, we will continue to work with landowners along the alignment, local councils and key stakeholders to keep them informed and provide accurate and timely information about the Program.

Contact us

For more information about the Upper South Creek Networks Program, please use the QR code below to view our project page or visit www.sydneywatertalk.com.au/uscnetworks



You can also contact our community engagement team on **1800 010 083** or send an email to uscnetworks@sydneywater.com.au

If you need an interpreter, please call 13 14 50

Arabic | Chinese (Traditional) | Chinese (Simplified) | Spanish | Italian | Croatian | Sinhala | Nepali

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Upper South Creek Networks Program Precinct Map

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