

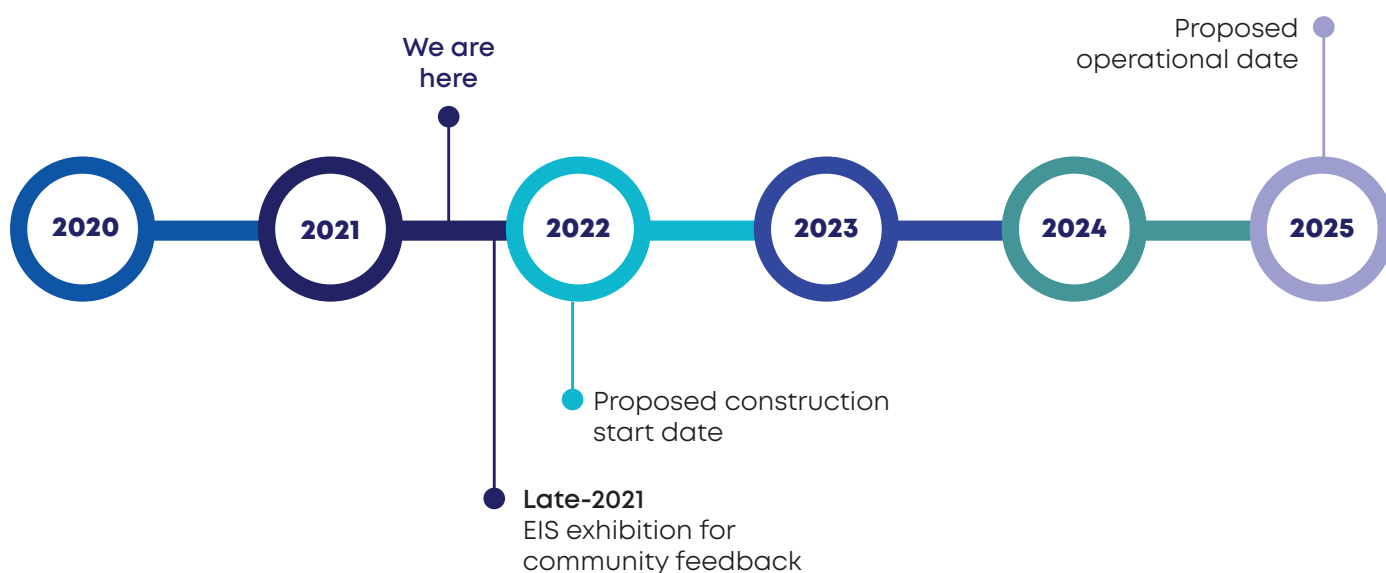
Proposed Advanced Water Recycling Centre



We're planning an Advanced Water Recycling Centre at Kemps Creek, just north of Elizabeth Drive.

The proposed centre will support our fast growing Western and South-Western Sydney communities, especially around the new Western Sydney International Airport.

When complete the centre will treat wastewater from the region and produce high quality recycled water that is suitable for a range of uses.



This time line explains where we are in the proposed project life cycle.

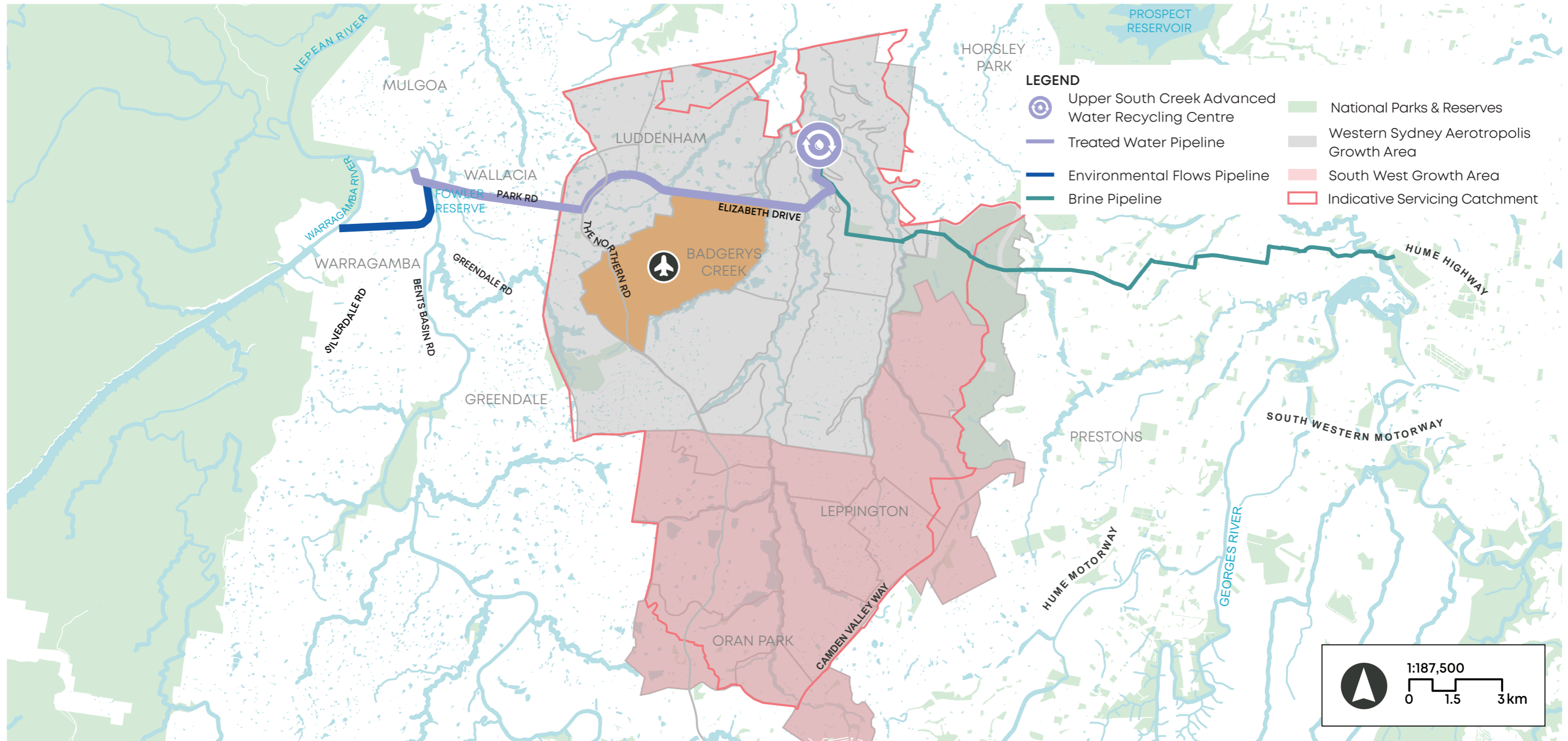
Proposed location

The proposed centre will be located north-east of Elizabeth Drive in Kemps Creek, near the start of South Creek.

We're engaging with our community to make sure the design reflects and respects the rich Aboriginal and European heritage of the land. The centre will also be integrated with landscaping into the broader surrounding parkland areas.

Next steps

We're preparing to display the project's Environmental Impact Statement for formal feedback on the proposed design.



Proposed project area map

The proposed water recycling centre will provide wastewater services to the South West Growth area and Western Sydney Aerotropolis Growth Area. This map provides indicative ultimate catchment areas for the proposed centre. All information provided here is indicative as at December 2020 and subject to change. Servicing timing will be as per the Growth Servicing Plan, and existing services aren't shown. Once the proposed centre is finished, the associated wastewater network will need to be built before customers can connect to the wastewater system. Sydney Water builds major infrastructure and trunk pipelines. Trunk pipes are large water and wastewater pipelines that customers can't connect directly into. Once the trunk mains have been built, developers or property owners need to build the next stage of pipelines, called reticulation or lead-in pipelines, which are needed to service individual properties. You can learn more about the approval process for developers at sydneywater.com.au/plumbing-building-developing.



What's happening?

Part of the project involves building two new pipelines. One will be a treated water pipeline running 17km west to the Nepean River at Wallacia. The other pipeline will be used for transferring brine waste product from the advanced treatment process.

This pipeline will run 24km east from the Advanced Water Recycling Centre (AWRC) and connect into Sydney Water's Malabar wastewater system. They will mostly be constructed using open trench and when completed will be underground.

Luddenham and Mulgoa

The treated water pipeline will transfer high quality recycled water to a release point at the Nepean River, upstream of Wallacia Weir.

From the AWRC the proposed pipeline route crosses South Creek then runs along the northern side of Elizabeth Drive. It crosses several waterways along Elizabeth Drive including Badgerys Creek, Oaky Creek and Cosgroves Creek.

The pipeline then crosses The Northern Road and runs along the southern side of Park Road, partly in the road verge and partly beneath the road surface.

The treated water pipeline will approach Luddenham from the north along the The Northern Road.

Construction approach

Construction will start in mid-2022 and work is likely to happen in several locations at one time, rather than moving progressively from one end to the other.

We install pipes in sections of about 12 to 14m at a time, taking up to five days to complete. The construction will typically last about eight to 10 weeks in each area, but will progress along the alignment so that direct impacts to properties minimised.

Tunnelling underneath waterways will last between one and three months depending on the location and depth of the bore.

During detailed construction planning we will:

- consult with residents and business owners
- install signage at key locations
- not schedule work on key event dates for Luddenham Showground
- consult with council and Transport for NSW on traffic management plans to reduce road impacts
- ensure access to properties and connectivity to surrounding suburbs is always maintained.

Have your say

We are seeking community feedback on the AWRC before exhibition of the Environmental Exhibition Statement (EIS), which is due for exhibition in late 2021. Given COVID restrictions we're rescheduling our community info sessions.

To keep up to date visit sydneywatertalk.com.au/uppersouthcreek. We will continue to gather feedback and work with the community on this project through detailed design, planning and construction.



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Αν χρειάζεστε διερμηνέα, τηλεφωνήστε στον παραπάνω αριθμό.

Se vi serve un interprete, telefonate al numero indicato sopra.

통역사가 필요하시면 위의 번호로 전화하십시오.

Nếu quý vị cần thông dịch viên, hãy gọi đến số trên đây.