

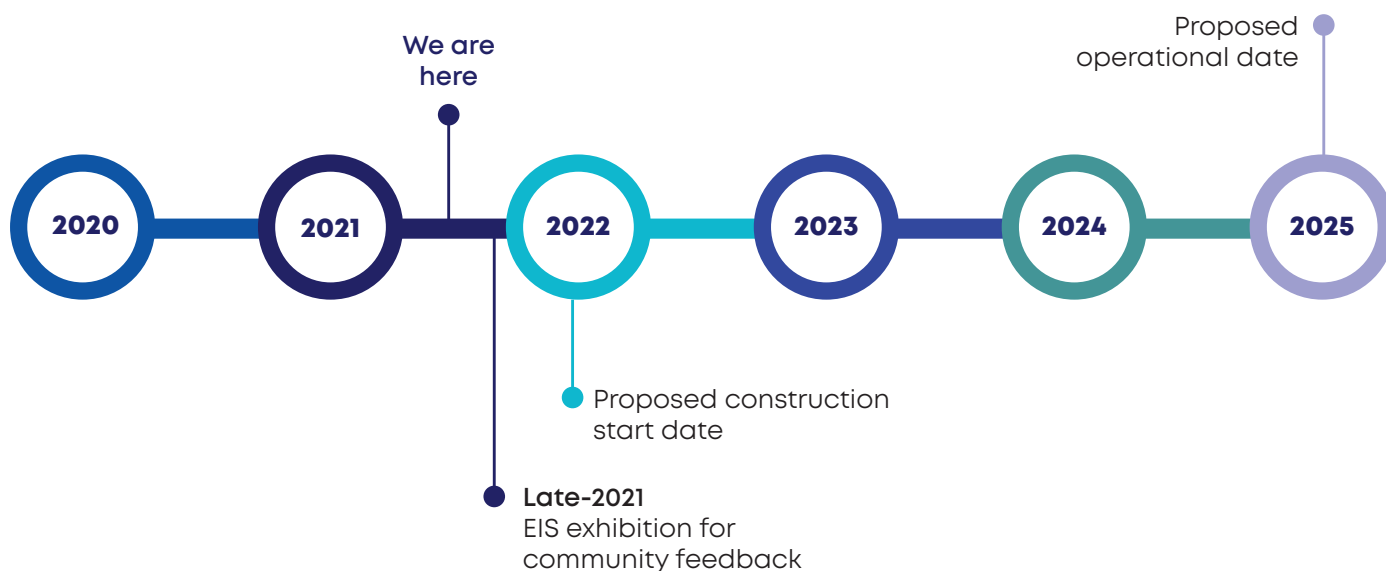
Proposed Advanced Water Recycling Centre



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.

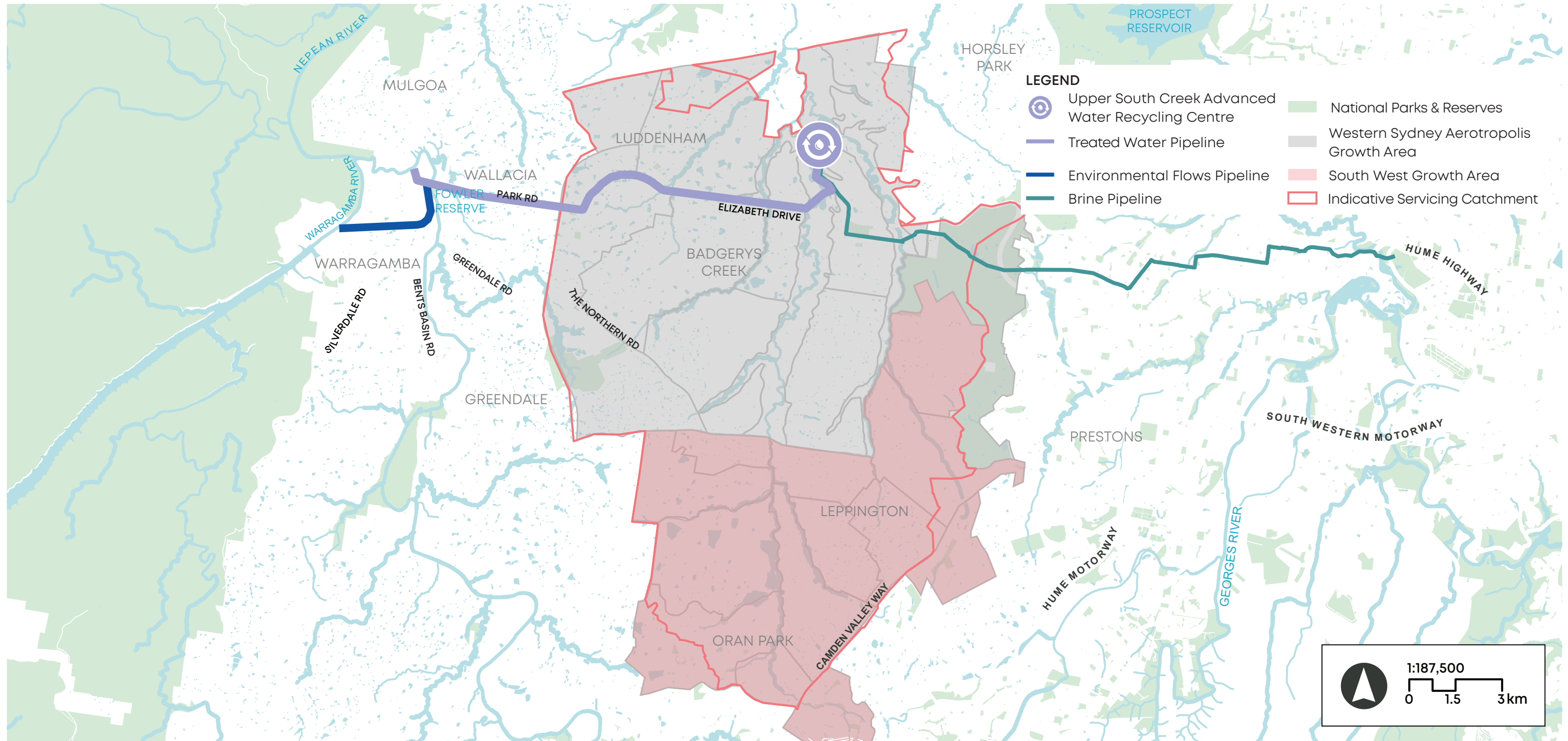
Proposed location

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.

Wallacia and Warragamba

From the Centre the treated water pipeline crosses South Creek then runs along the northern side of Elizabeth Drive. The pipeline then crosses Northern Road and runs along the southern side of Park Road.

At Wallacia, the pipeline will run through residential streets from Golfview Drive to Fowler Reserve and crosses beneath the Nepean River. It then runs along Bents Basin Road and Silverdale Road before crossing private property to connect to the Nepean River at Wallacia.

The project also includes an optional 4.5km environmental flows pipeline running from the treated water pipeline to the Warragamba River. This would allow us to use recycled water instead of drinking water for some environmental flows.

The optional environmental flows pipeline splits from the treated water pipeline at Bents Basin Road, near the intersection with Silverdale Road, Wallacia. The pipeline will then be open trenched along Bents Basin Road, then tunnelled to a release point at the Warragamba River.

Construction approach

We will be finalising the detailed design and construction plans for the project after the EIS, when we will consult you again.

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 between one to five days to complete. The construction will typically last about eight to 10 weeks in your area, but will progress along the alignment so that direct impacts to your property are minimised.

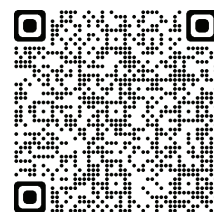
Typically, where we need to tunnel underneath waterways, work will last between one and three months, depending on the location and depth of the bore.

To minimise inconvenience, traffic will be carefully managed especially where the treated water pipeline crosses Silverdale Road as this is the main road to Warragamba.

To view detailed maps of our proposed work, visit sydneywatertalk.com.au/uppertsouthcreek

Upcoming community info sessions

Come and meet the project team, ask questions and help us plan so we can minimise any potential disruption in your neighbourhood. For full details scan the QR code.



Interpreter Service 13 14 50

Arabic • Chinese • Greek • Italian • Korean • Vietnamese

إذا كنت تحتاج إلى مترجم، يرجى الاتصال بالرقم أعلاه.
如果您需要傳譯員的協助，請致電以上的號碼。

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.