

Thornleigh Pipeline Duplication community update

November 2023

Greater Sydney's population is forecast to reach 8 million people over the next 40 years, with significant growth in the area where the population is expected to increase from 1.6 to 2.04 million by 2031, and 2.26 million by 2046.

We are investing now to transform 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.

One of the ways we are doing this is by duplicating the 1.4 km drinking water pipeline between Thornleigh Reservoir (on Quarter Sessions Road) and the Thornleigh-Wahroonga Water Pumping Station (on Dale Close). The proposed pipeline will increase the resilience of local water supply by allowing water to be transferred between the two locations to cater for the growing population.

This is not just about pipes. It's about water – clean, life sustaining water. Our work will ensure we can continue to give you clean and reliable water as the area continues to grow.

What does the project involve?

The proposed pipeline will start at Thornleigh Reservoir in the south-east corner of the site. It will then be tunnelled around 1.2 km to the south side of Zig-Zag Creek at Thornleigh-Wahroonga Water Pumping Station.

The new pipeline is the same diameter (180cm) and will run parallel to the existing pipeline. Like the existing pipeline, it will run under private properties and cross local roads between 14 and 38 metres below ground level.

Approximately 160 metres will be trenched within the Sydney Water owned Thornleigh Reservoir site and the remaining 1.2km of the pipeline will be tunnelled using a small tunnel-boring machine. The tunnel-boring machine uses a 'trenchless' construction method to reduce the impacts on the environment and the community.

A map on the other side of this leaflet shows the existing pipeline location and the proposed duplicated alignment.

What stage is the project at?

The project is currently in the planning stages. We have carried out investigative studies to confirm where the current pipeline and other services are, and to understand the ground conditions to ensure the work can be carried out. This investigative work has helped confirm the route alignment and concept design. **A Review of Environmental Factors has been prepared and is currently on public display.**

Subject to planning approval and detailed design, construction is expected to start in early 2025 and take around two years to complete.

What is a Review of Environmental Factors document?

We have prepared a Review of Environmental Factors (REF) document guided by the Environmental Planning and Assessment Regulation, 2021. The REF looks at all the potential benefits and environmental impacts of the project during construction and also looks ahead to its operational impacts. It includes:

- the background of the project
- proposed construction activities, including work locations
- assessment of environmental impacts including:
 - soil impacts related to ground disturbance
 - water impacts related to groundwater extraction and works above/near waterways
 - biodiversity impacts from vegetation disturbance
 - noise and vibration impacts from plant, equipment, and vehicles
 - traffic and access changes.

The REF also recommends measures to minimise or manage potential impacts during construction and operation of the new pipeline.



How can I have my say?

The REF document is on public display from Tuesday 21 November until Monday 18 December.

You can view and download the REF online at www.sydneywatertalk.com.au/thornleighIOM

During the display period, you are invited to make a written submission by email at thornleighIOM@sydneywater.com.au

We will also be hosting two community information sessions where you can meet the project team to find out more.

Venue	Address	Date and time
Thornleigh Squash and Fitness Club	6 Duffy Avenue, Thornleigh, NSW 2120	Wednesday 29 November 2023 4.30pm–6.30pm
Normanhurst West Public School	4/10 Dartford Rd, Thornleigh, NSW 2120	Tuesday 5 December 2023 5pm – 7pm

Stay in touch

We are committed to keeping the community informed throughout the life of the project via community newsletters, information sessions and website updates. If you have any questions or would like to talk to the project team our community engagement team can be contacted via:

Call 1800 242 184

Email thornleighIOM@sydneywater.com.au and to subscribe to email updates

Scan the QR code for our project website or to subscribe to email updates visit: sydneywatertalk.com.au/thornleighIOM

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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.

동역사가 필요하시면 위의 번호로 전화하십시오.

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

यदि आपको दुभाषिए की सहायता की ज़रूरत है, तो कृपया ऊपर दिए गए नम्बर पर फोन करें।

ਜੇ ਤੁਹਾਨੂੰ ਦੋਭਾਸ਼ੀਏ ਦੀ ਮਦਦ ਦੀ ਲੋੜ ਹੈ, ਤਾਂ ਕ੍ਰਿਪਾ ਕਰਕੇ ਉੱਤੇ ਦਿੱਤੇ ਨੰਬਰ 'ਤੇ ਫੋਨ ਕਰੋ।