Quakers Hill Water Resource Recovery Facility

Advanced Treatment Upgrades



Community Update

November 2026

Sydney Water is upgrading the Quakers Hill Water Resource Recovery Facility to support population growth in Sydney's north-west, improve wastewater treatment and help protect local waterways.

Improving wastewater capacity and sustainability

The Quakers Hill Water Resource Recovery Facility (WRRF) serves communities across the local area, from Quakers Hill to Horsley Park and from Blacktown to Plumpton.

The upgrade will deliver a range of benefits for the community and the environment and includes four key components:

Upgrading the existing Quakers Hill Water Resource Recovery Facility

We'll upgrade the existing Quakers Hill WRRF to increase treatment capacity to support current and future growth while improving treatment reliability.

Building a new Advanced Water Treatment Plant

A new Advanced Water Treatment Plant (AWTP) will further treat wastewater by removing additional contaminants before water is released to the environment.

Connecting the brine pipeline to existing infrastructure

The new treatment process produces a concentrated salt stream (brine). To manage this safely, we'll connect the existing brine transfer system to existing wastewater infrastructure in Seven Hills.

Upgrading the power supply

We'll carry out some work between the Quakers Hill WRRF and the Quakers Hill Substation to increase the power supply needed to support the upgrades.

Project benefits

The project will deliver three key benefits:

- Reliable wastewater services for Sydney's growing north-west.
- Increased treatment capacity that can adapt to future needs.
- Improved water quality to better protect local waterways.



Design and Construct Contract Award

Seymour Whyte and VINCI Construction Grands Projets Australia Joint Venture have been awarded the contract to deliver these important upgrades.

The project team is now refining the design and construction approach. As the project progresses, our contractors will keep the community updated about upcoming work, including when activities are planned and any potential construction impacts.



What to expect during construction

Most construction will take place within the existing Quakers Hill WRRF site, helping to reduce impacts on nearby neighbourhoods and public spaces. Some work will also be needed for power upgrades and to install around 250 metres of new pipeline in International Peace Park.

During construction, the community may notice:

- **noise, dust and vibration from construction activities**
- **construction vehicles and temporary traffic or access changes**
- **temporary fencing and small construction compounds at International Peace Park**
- **early investigation work before major construction begins.**

We're committed to minimising impacts on the community and environment as the project progresses. We'll keep the community informed and provide advance notice of upcoming work. Measures will be in place to manage noise, dust and traffic, and to help protect nearby vegetation, habitats and waterways. Once work is complete, we'll restore work areas to their original condition.

How community feedback has shaped the project

Since 2024, we've worked with the community, stakeholders and government agencies to share information, answer questions and gather feedback on the project.

During the public exhibition of the Review of Environmental Factors (REF) in October 2025, we distributed more than 11,000 notifications and spoke with more than 100 community members.

The feedback we received helped shape the project and identify opportunities to reduce potential impacts on the community and environment.

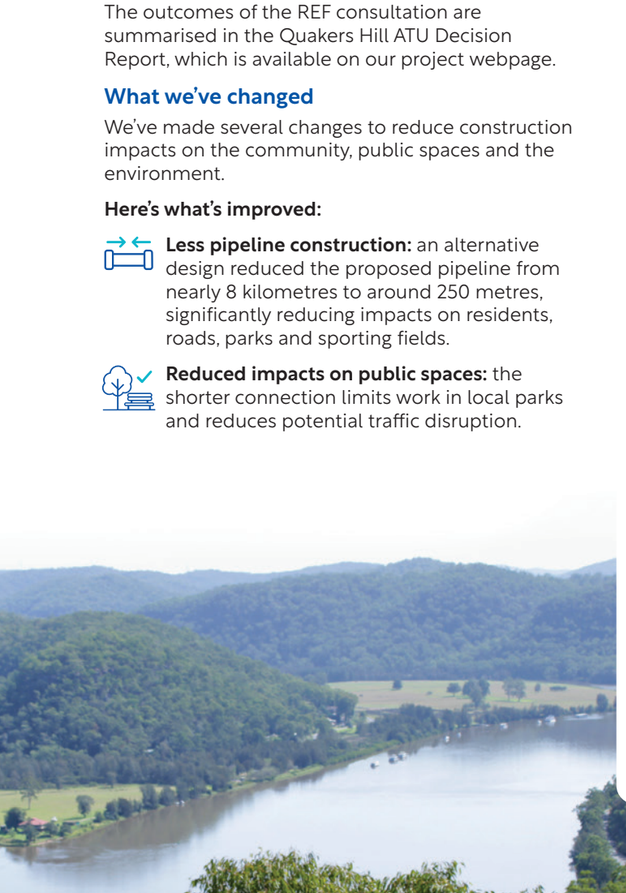
The outcomes of the REF consultation are summarised in the Quakers Hill ATU Decision Report, which is available on our project webpage.

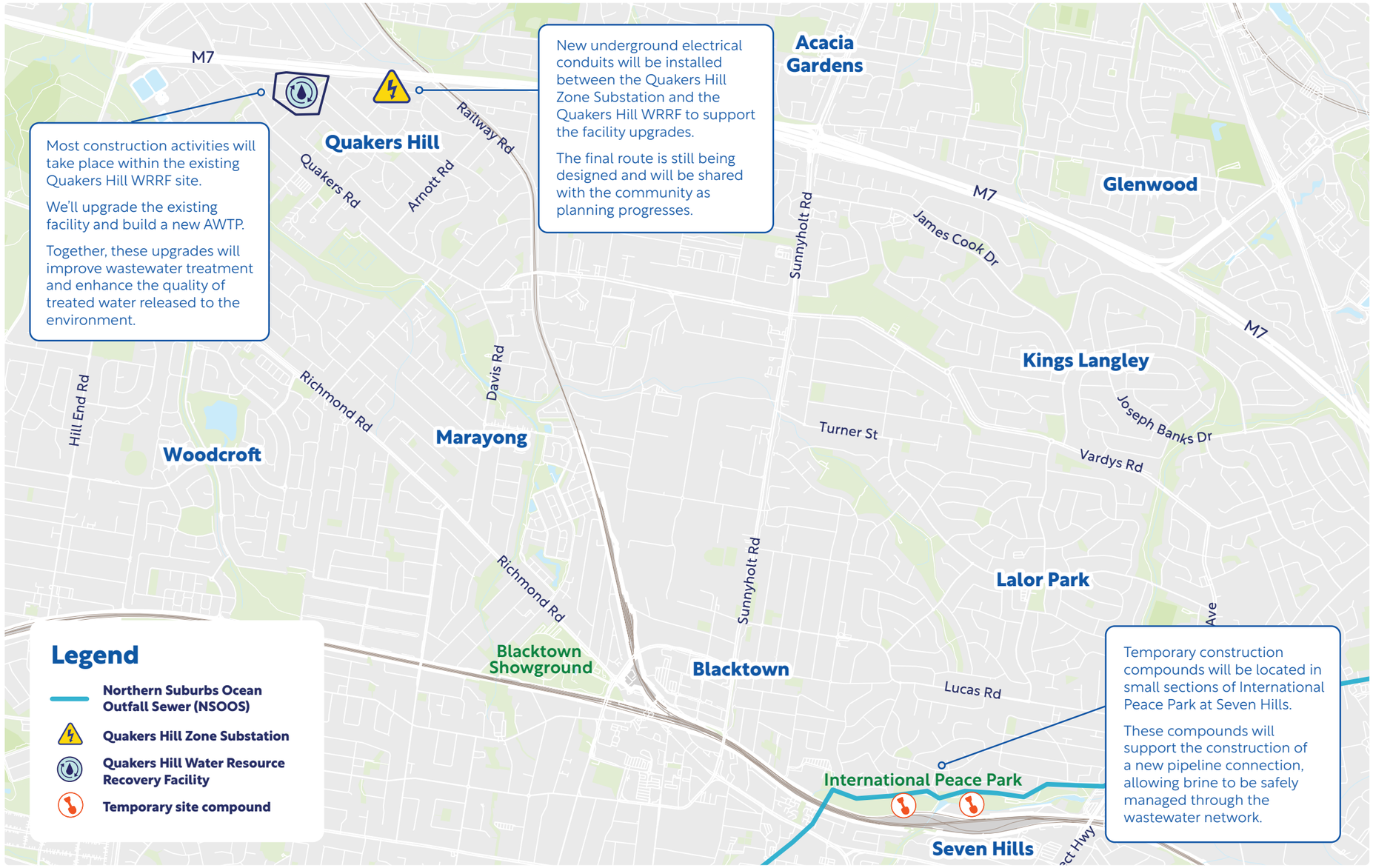
What we've changed

We've made several changes to reduce construction impacts on the community, public spaces and the environment.

Here's what's improved:

- **Less pipeline construction:** an alternative design reduced the proposed pipeline from nearly 8 kilometres to around 250 metres, significantly reducing impacts on residents, roads, parks and sporting fields.
- **Reduced impacts on public spaces:** the shorter connection limits work in local parks and reduces potential traffic disruption.







Project Timeline*

October 2025
Review of Environmental Factors (REF) published

December 2025
Decision Report published

June 2026 – February 2027
Site preparation and investigation works at Quakers Hill WRRF

October 2026
Construction contract awarded

Late 2026 ⇢ **We are here**
Early site and preparation work begins

Mid 2027
Major construction begins

2028
Power supply upgrades

2030
Construction complete

Late 2030
Upgraded wastewater services expected to be operational

*Timeline is indicative and subject to change.

The Purified Recycled Water Discovery Centre

Located at the Quakers Hill WRRF, Sydney Water's Purified Recycled Water Discovery Centre offers a unique opportunity to step behind the scenes and learn first-hand about water management, wastewater treatment and the innovative technologies helping support rainfall independent drinking water sources.

Free one-hour guided tours are available for individuals and community groups (up to 20 people), providing an engaging and interactive experience led by Sydney Water staff.

To make a booking, email PRWDiscoveryCentre@sydneywater.com.au



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Ako trebate prevoditelja, nazovite gornji broj

Contact us

We'll keep local communities informed as the project progresses and are here to answer your questions.

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