

Wastewater Transfer Pipelines

Malabar System Investment Program



Overview

As Greater Sydney grows, the wastewater network needs to continue moving wastewater safely and efficiently between treatment facilities. Transfer pipelines play a key role in connecting different parts of the system and helping manage flows across the network.

Upgrades to these pipelines help ensure the system can continue supporting growing communities while protecting waterways and maintaining reliable services.



Image: Construction of underground pipelines



What are wastewater transfer pipelines?

Wastewater transfer pipelines move wastewater between treatment facilities as part of Sydney's wider wastewater network. These pipelines connect several facilities across the region and help direct wastewater to where it can be treated most effectively.

They form part of the broader system that ultimately connects to the Malabar deep ocean outfall.

What the project involves

Upgrades to the wastewater transfer pipelines will support the broader Malabar System Investment Program.

These will include:

	<p>Upgrades or improvements to existing pipelines by renewing older sections so they can keep moving wastewater safely</p>
	<p>Construction of new pipeline sections where required by adding capacity to the network</p>
	<p>Connections between treatment facilities to better manage wastewater flows by improving how water is transferred across the network</p>
	<p>Supporting infrastructure such as access points and valves by adding features that help maintain and monitor the pipelines more easily</p>

The Malabar wastewater system

This map shows the existing wastewater network under the Malabar System Investment Program.



Legend	
Existing transfer pipeline	Glenfield Water Resource Recovery facility Upgrades: April 2026 to late 2028
Malabar Water Resource Recovery facility Upgrades: April 2026 to mid-2029	Liverpool Water Resource Recovery facility Upgrades: April 2026 to mid-2029
Fairfield Wet Weather treatment plant Upgrades: August 2025 to late 2026	Advanced Water Treatment Plant Construction: mid-2029 to late 2033

Upgrades will be delivered in stages through coordinated works to improve system capacity and reliability, with a focus on minimising disruption to the community.

Benefits for the community

Upgrades to the transfer pipeline network will help:



Improve the reliability of the wastewater system by upgrading and renewing pipelines, helping reduce blockages and better manage wastewater flows



Support population growth across Greater Sydney by increasing the capacity of the wastewater network to service growing communities



Help manage flows during wet weather by improving how wastewater moves between treatment facilities during high rainfall events



Strengthen connections between treatment facilities across the network by upgrading and improving transfer pipelines between sites

What to expect during delivery

During pipeline upgrades, some temporary construction impacts may occur.

These may include:

Construction activity along sections of pipeline routes

Temporary traffic or access changes

Construction noise and vehicle movements

Sydney Water will work to minimise impacts wherever possible and keep the community informed as works progress.

These improvements will be delivered in later stages of the program. Timing will be confirmed as planning progresses, as works may be delivered in stages.

We'll continue to keep the community informed as details are confirmed.

Updates will be shared on the project webpage, so please keep an eye on the website for the latest information.

How this fits into the wider program

The wastewater transfer pipelines form part of the Malabar System Investment Program. These works include new and upgraded pipelines connecting facilities, odour control systems, and other supporting infrastructure across the network.

Together with upgrades to treatment plants and other infrastructure, these improvements will help strengthen Sydney's wastewater network and support future population growth.

Get in touch

If you have any questions or would like more information on the Malabar System Investment Program, please contact Sydney Water:

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For more information on these projects, please visit our [website](https://www.sydneywater.com.au).

Sydney Water will continue to share updates with the community as the project progresses.