

Fairfield Wet Weather Treatment Plant Upgrade

Malabar System Investment Program



What is the Fairfield Wet Weather Treatment Plant?

The Fairfield Wet Weather Treatment Plant provides primary treatment for wastewater during storm events. It helps remove debris and sediment before wastewater continues through the network that ultimately connects to the Malabar deep ocean outfall.

This early stage of treatment plays an important role in protecting waterways and maintaining the reliability of the wastewater system during periods of high flow.



Image: Fairfield Wet Weather Treatment Plant

What the project involves

To support population growth and improve the reliability of the wastewater system, upgrades are taking place at the Fairfield Wet Weather Treatment Plant.

These will include:

	Upgrades to existing treatment infrastructure
	Improvements to screening and grit removal processes
	Upgrades to manage wet weather flows
	Improvements to support the wider wastewater network



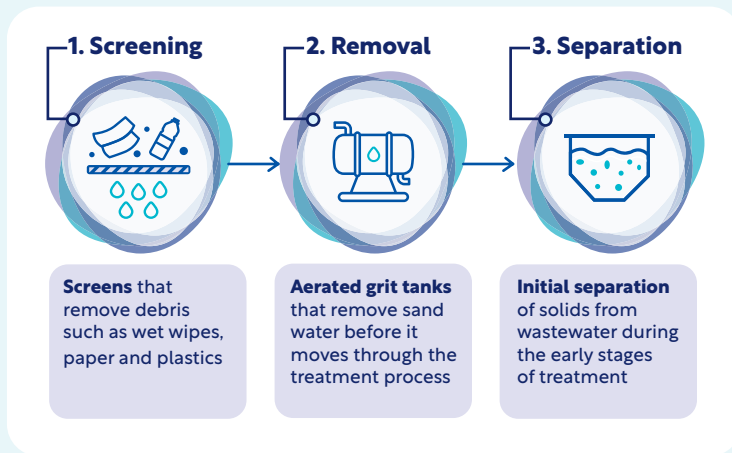
Why the upgrades are needed

Sydney's wastewater system must continue to support growing communities while protecting local waterways. During heavy rainfall, large volumes of stormwater enter the wastewater network. Wet weather treatment plants like the one at Fairfield help manage these flows by providing an initial stage of treatment before wastewater continues through the system.

How the treatment process works

During wet weather events, the plant provides primary treatment through several steps that remove debris and sediment before the diluted wastewater is returned to the environment.

These include:



Benefits for the community

Upgrades to the Fairfield Wet Weather Treatment Plant will help:

	Protect local waterways by improving the quality of water entering the network
	Improve the reliability of wastewater services by increasing capacity and improving how the plant manages storm-related flows
	Support population growth in Greater Sydney by increasing the amount of wastewater that can be treated
	Strengthen the overall wastewater network by upgrading the system to handle higher flows, reducing the risk of overflows and impacts to the community during heavy rain

What to expect during delivery

During upgrades, some temporary construction impacts may occur.

These will include:

Construction noise and vehicle movements on roads in the vicinity of the plant

Work within the existing treatment plant site

Sydney Water will work to minimise impacts where possible and keep the community informed as the project progresses.

How this fits into the wider program

The Fairfield Wet Weather Treatment Plant is one part of the broader Malabar System Investment Program, which includes upgrades across several treatment plants and pipelines to improve the performance and resilience of Sydney's wastewater system.

Get in touch

If you have any questions or would like more information on the Fairfield Wet Weather Treatment Plant updates, please contact Sydney Water:

P 1800 354 108

E malabarprogram@sydneywater.com.au

For more information on these projects, please visit our [website](#).

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



Indicative project timeline

