

Fairfield Wet Weather Treatment Plant project update

June 2026

Upgrades on the Fairfield Wet Weather Treatment Plant are being delivered by Sydney Water in partnership with Fulton Hogan. We're working to better protect the environment and the health of our communities by improving the wastewater and recycled water system.

Construction is progressing well and several key work activities have been carried out within and around the treatment plant. The upgrades are scheduled to be operational by February 2027.

Delivering wastewater solutions

Across Fairfield, Canley Vale, and Ashfield, we progressed investigations, established work sites, advanced design, and commenced construction.

Some standout achievements over the past year include:

- site establishment completed at the Fairfield plant
- brine pressure main work delivered
- pipe installation using Horizontal Directional Drilling at East Parade and Sherwin Park
- odour control unit decommissioning at Fairfield and Ashfield
- construction underway for the new Fairfield buffer tank and feed pump station
- major progress on upgrades to the Fairfield Treatment Plant.

These upgrades help make sure your wastewater services keep running reliably for years to come.



Half of the buffer tank, chamber base blinding concrete being poured



Encased brine pressure main, an important pipe within the network that pushes brine water through the plant

Timing

Location	Completion date
Fairfield Wet Weather Treatment Plant Refurbishment	August 2026
Sherwin Park pipeline	November 2026
Ashfield odour control unit	October 2026

Use of the Fairfield temporary worker compound will be until the end of all work. You'll notice a reduction of work between August to October as we start restoration and commissioning the new equipment.

Upcoming night work in July

We're almost ready for the new connection to the underground recycled water pipeline at Sherwin Park, Canley Vale and North Street, Fairfield. Night work is being planned for July, with careful consideration of scheduling shutdowns to the existing service. We'll update you ahead of night work commencing at Sherwin Park.

Giving back to wildlife

As part of recent construction work, cleared vegetation was repurposed to support local wildlife. Instead of sending healthy gum branches and native greenery to waste, the material was donated to Featherdale Sydney Wildlife Park providing vital food and enrichment for resident animals, including koalas, macropods, possums and birds.

Featherdale relies on partnerships with councils, arborists and businesses to access fresh leaves from species like Eucalyptus, Bottle Brush and Grevillea that would otherwise be mulched or sent to landfill. By planning for vegetation donations, we can divert green waste, support conservation partners and create real benefits for the environment and local communities.



Featherdale Sydney Wildlife Park is a vital hub for native species conservation



Koalas are fussy eaters and only eat leaves from a small number of the 700 eucalyptus species

Underground goes above ground

At Sherwin Park, we've completed a major milestone with the concrete pour for the underground wastewater structure. Work has now progressed to installing pipes around and through the new concrete structure.

This stage of work included:

- Digging a 5-metre-deep excavation and making it safe for workers to access
- Building the concrete base slab for the underground structure
- Setting up scaffolding so crews could safely prepare and pour the walls
- Using a crane to install formwork, supported by a temporary crane pad
- Carefully pouring the concrete in stages to make sure it settled properly
- Pouring 17 cubic metres of high-strength concrete — about the same as 3 standard concrete trucks, or enough to fill a small backyard pool

This milestone is a key step towards improving our network's resilience during heavy rainfall events and helping protect local waterways and communities from wet-weather overflows. The chamber allows for safe access to the valve, for easy maintenance whenever required.



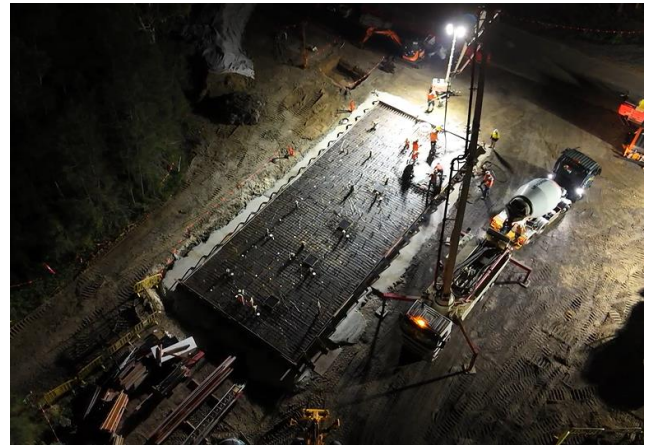
The chamber is built deep underground so it can connect properly into the existing network and keep it flowing



New access pits will help crews in the future to inspect and maintain the system, without needing major excavation works

Early morning concrete pour success

Within the Fairfield wet weather treatment plant we successfully poured concrete for the inlet at the odour control unit. This involved coordinating 9 concrete trucks and 57 m³ of concrete well ahead of the sun rising. This is roughly the same as filling an area of two tennis courts. Concrete pours will continue for the next few months as we finish off key areas within the treatment plant.



The inlet at the odour control unit helps capture air from the wastewater process so it can be treated before odours are released, supporting a cleaner environment

Pipes getting another use in Western Sydney Zoo

As part of our commitment to sustainability, Fulton Hogan donated surplus pipe offcuts from our construction work to Sydney Zoo for use in animal enclosures. Rather than sending material to landfill, they have been repurposed to support animal welfare and enrich the visitor experience for local families.



Four 63 centimetres wide pipes made from tough, durable material for high pressure water flows



Giraffes need mental stimulation too. Enriched feeders and changes to their environment help keep them curious, active and engaged

Work hours

We are continuing to work **Monday to Friday, 7am to 6pm** and **Saturdays 7am to 5pm**, if required.

Where to get more information

If you would like to know more, please contact our Community Engagement Team at **malabarprogram@sydneywater.com.au** or call **1800 354 108**.

Sign up for email updates



In addition to updates like this one, we send weekly emails with details about upcoming work and construction impacts. **Send us your email address today to join the mailing list.**

We speak your language

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Se hai bisogno di un interprete, chiama il numero sopra

如果您需要口譯員，請撥打上面列出的電話號碼如果您需要

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Ako trebate prevoditelja, nazovite gornji broj

Thank you for your cooperation during this essential work.