7 May 2026

Orchard Hills Water Filtration Plant Reliability Upgrade - site survey and investigation work

Sydney Water is upgrading the Orchard Hills Water Filtration Plant (WFP) to improve its reliability and resilience. These improvements will help ensure the plant continues to supply safe, reliable drinking water to support Western Sydney's growing population.

The plant was built in 1993 and supplies drinking water sourced from Warragamba Dam to around 260,000 customers in the Penrith and Blue Mountains regions.

As part of the upgrade, a new treatment facility will improve how raw water from Warragamba Dam is treated. This will help ensure we can continue to provide safe, high quality drinking water for customers, even when dam raw water quality is affected by heavy storms, bushfires or drought.

The plant will continue operating while these upgrades are being completed.

About our work

Sydney Water's contractor, CPB Contractors Pty Ltd, will deliver the Orchard Hills WFP Reliability Upgrade.

Before construction can begin, we need to carry out detailed site survey and ground investigations within the plant site. These investigations will help us better understand site conditions to plan and confirm the most effective way to complete the upgrade.

The site survey and investigation work are planned to start on **Thursday, 14 May 2026**, and will take about three months to complete, weather permitting. We expect to finish the work in mid-August 2026.

Our work hours will be 7 am to 6 pm Monday to Friday and 8am to 1pm on Saturdays, if required.

All work will take place within the boundary of the Orchard Hills WFP site. No work is required on public roads or private property as part of these activities. The map of our work area is provided on the next page.

The site survey and investigation work involves:

- surveying and marking proposed work areas
- locating existing underground services and structures
- drilling boreholes and excavating small test pits to understand soil and rock conditions
- collecting soil and rock samples for analysis and testing
- restoring any disturbed areas once work is complete.

What to expect

During this work, you may notice an increase in vehicle movements entering and exiting the plant via The Chase, Orchard Hills.

We will make every effort to minimise disruption and manage any potential impacts this work may have on you. Appropriate safety and environmental controls will be in place at all times.

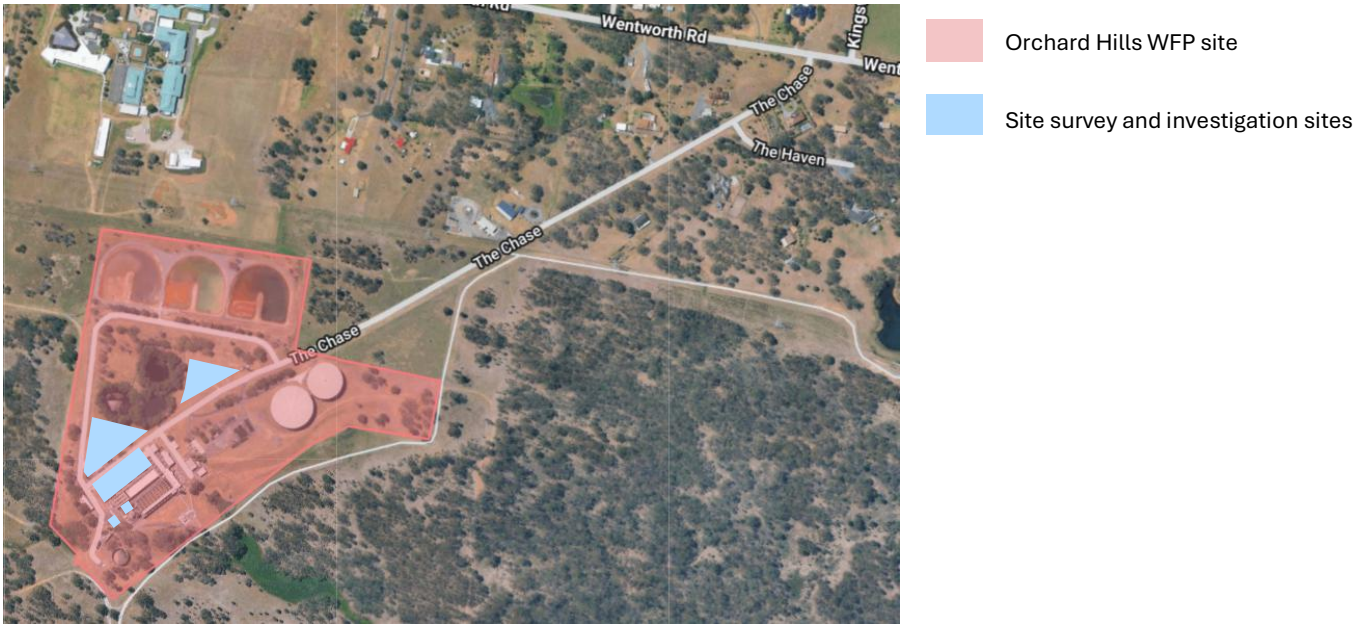
This work will not interrupt your water service.

Project update

Construction of the new treatment facility is expected to begin from August 2026. We will provide you with more information about the timing of this work before construction starts.

Construction of the upgrade work is anticipated to be completed in late 2028, weather permitting.

Map of our work area



More information

If you have any questions or would like more information about our work, please contact our Community Engagement Team:

- **Call:** 0456 423 144
- **Email:** orchardhillsupgrade@sydneywater.com.au
- **Visit:** sydneywater.com.au and search 'Orchard Hills'

For other Sydney Water repairs or faults, please call 13 20 90 (24 hours). For billing and general enquiries, call 13 20 92.

We look forward to working with the community as we deliver this important project.

Thank you for your cooperation and understanding during this essential work.

Yours sincerely,

Robert Prsa
Senior Project Manager – Major Projects