

Malabar System Investment Program

March 2026

Upgrade of the Liverpool Water Resource Recovery Facility

We're making improvements to the Malabar wastewater treatment system over the long term, to meet future demand and improve efficiency and sustainability of our water services.

The **Malabar System Alliance**, a partnership between Sydney Water, ACCIONA and SMEC, will play a key role in delivering this program by upgrading the Liverpool Water Resource Recovery Facility (WRRF).

What's happening at the Liverpool plant?



We're upgrading key parts of the Liverpool plant to improve the way wastewater is treated and to support future growth in the area.

Currently, the plant uses a primary treatment process where larger solids are removed through inlet screens, before the remaining flows settle in the primary settling tanks. The settled effluent then undergoes secondary biological treatment to remove contaminants, followed by disinfection using sodium hypochlorite.



We're making some significant upgrades to improve how wastewater is treated and to support the growing needs of the community

by expanding capacity to take more flow from Glenfield WRRF.

Work will include:

- refurbishing primary settling tanks to improve fine solids capture
- upgrading and expanding odour control systems to reduce odours from the site
- construction of a new biological treatment system using higher efficiency technology
- new sludge digestion and dewatering systems to reduce biological activity
- installation of two new aerobic digester tanks, which use oxygen and microorganisms to break down remaining organic waste to further reduce off-site odours
- upgrades of the existing power supply to the treatment plant

Site preparation and establishment work:

We will be commencing site establishment work within the Liverpool site throughout April.



The main activities over the coming months will include:

- Plant and equipment deliveries to prepare and install the new site offices and equipment
- environmental assessments, including clearing and grubbing of vegetation, and some tree removal
- internal utility investigation and relocation
- demolition work and creating safe site access.

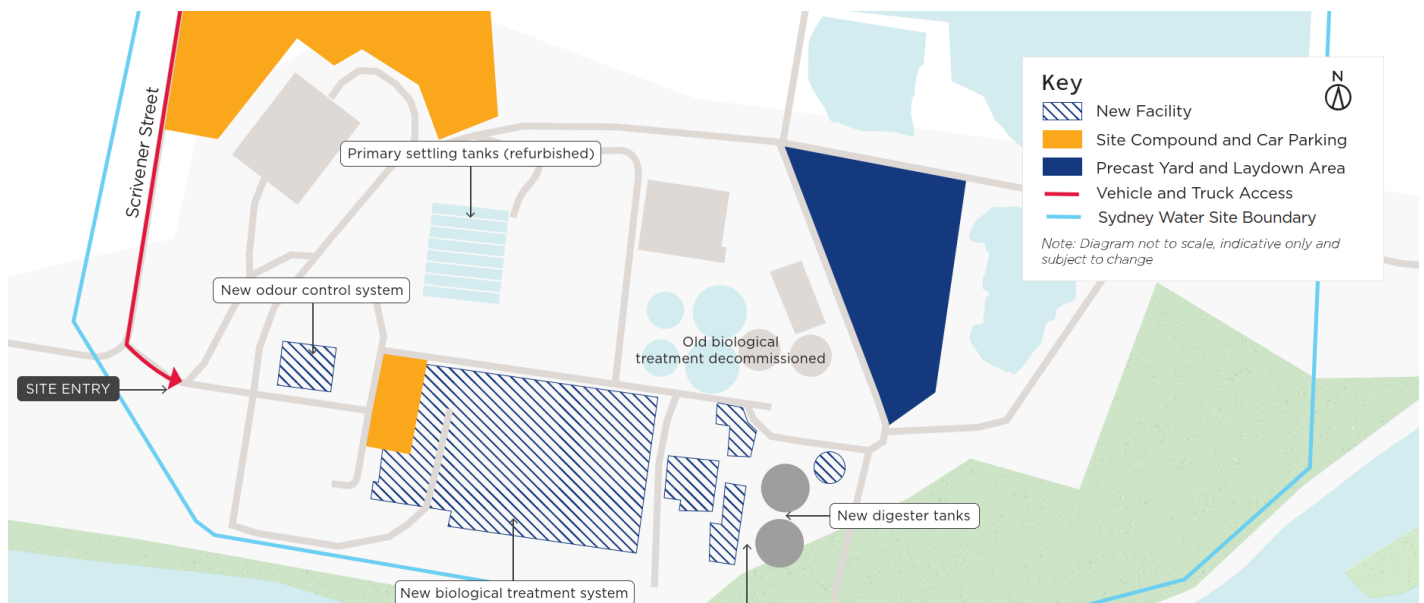
This work will be carried out during standard construction hours:

- Monday to Friday 7am – 6pm and Saturday 8am – 1pm

Work outside standard construction hours:

Some of the utility investigation, installation activities, and oversize deliveries, need to occur outside standard construction hours to minimise impacts on traffic and ensure the safety of motorists, pedestrians and workers.

Liverpool site work area:



Timeline:

Our work starts in April 2026 and is scheduled to be completed in mid-2029.

Contact us

Please contact Liz from the Malabar System Alliance community team on **1800 624 914** or by email if you have any questions or feedback about the planned work. We will continue to keep you updated on the progress of work in your area.

If you would prefer to receive updates by email, please send a request to malabarprogram@sydneywater.com.au and we will add you to the distribution list.

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