

Liverpool Water Resource Recovery Facility

Community Update – August 2024

Sydney Water is working to reduce wastewater odours from the Liverpool Water Resource Recovery Facility.



Aerial view of the Liverpool Water Resource Recovery Facility (WRRF) at Scrivener Street, Warwick Farm.

We have recently been made aware of increased levels of odours in areas around the Liverpool WRRF. Thank you to our neighbours and customers who reported this to our WRRF Team.

We apologise for any inconvenience caused by wastewater odours from the facility.

Our team is constantly monitoring operations at the facility to ensure we are delivering reliable wastewater services and minimising impacts to customers and neighbours.

Reducing wastewater odours

Sydney Water takes odour very seriously, and we're working to reduce odours from the Liverpool WRRF through several short- and longer-term projects.

Dredging the oxidation pond

We are planning to dredge the oxidation pond of sludge. Sludge is a semi-solid and odorous byproduct of wastewater treatment. This work will involve:

- Removing sludge that has settled to the bottom of the oxidation pond
- Safely disposing the sludge off-site
- Removing any weeds growing on the surface of the oxidation pond.

We are currently preparing a business case to progress the delivery of this work. We expect to commence this work in late 2024, pending weather, approvals and other circumstances.

We will notify neighbours and customers before we start dredging as this work may temporarily increase wastewater odours while we remove the sludge.



What is the oxidation pond?

The oxidation pond at Liverpool WRRF is used to store diluted primary treated wastewater from both the Liverpool and Glenfield WRRFs to reduce the volume and frequency of wet weather discharges to the Georges River. This usually happens when there is high flow within the network, such as during rain events. As this wastewater is primary treated, it contains organic matter, nutrients and other pollutants that may cause odour.

The oxidation pond is an important part of how we manage wastewater flows in the network to protect the Georges River.

Treatment and network upgrades

We are planning for significant upgrades of the Liverpool WRRF and surrounding wastewater network. This will involve:

- Upgrading odour treatment systems
- Installing and upgrading assets
- Improving treatment and network capacity
- Optimising network operations.

This work will be carried out in stages across different sites in the network from late 2024 to 2030. More information about this work will be provided to the community as it progresses.

This upgrade is part of a broader program of work to improve our wastewater systems so we can continue to deliver sustainable and reliable services to our growing city.

Georges River Network Odour Reduction Program

In addition to the Liverpool WRRF, we are focused on reducing wastewater odours across the Georges River network. This includes the WRRFs at Fairfield, Glenfield and Liverpool and the areas around these facilities.

The Georges River Network Odour Reduction Program aims to reduce odour impacts by upgrading and improving the local wastewater network. Over the next 18 months, we are:

- Upgrading and installing new assets such as ventilation shafts, odour control units and wastewater pumping stations

- Improving treatment processes at the three water resource recovery facilities in Fairfield, Liverpool and Glenfield
- Monitoring wastewater odours using sensors and community feedback.

Learn more about the Georges River Network Odour Reduction Program on our project webpage at www.sydneywatertalk.com.au/georges-river-odour.

Complete our survey about wastewater odours

As part of this work, we want to hear from our neighbours about any experiences and concerns you may have about wastewater odours in your area. We want to know how wastewater odours may be impacting you and how we can improve odour management.

Scan the QR code to complete the survey.



Contact us

To find out more about this work, please contact our Community Engagement Team on 1300 653 817.

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