

North West Treatment Hub

Keeping our waterways clean



November 2024 update - Riverstone

The North West Hub Alliance (NWA) is set to upgrade the Riverstone Water Resource Recovery Facility (WRRF) to accommodate anticipated population growth in the region and ensure the wastewater network remains reliable and efficient for the future. These improvements will also help keep our waterways clean.

This project is part of the North West Treatment Hub program, which includes upgrades and compliance work at the Rouse Hill, Riverstone and Castle Hill WRRFs.

Did you know our upgrades will support the treatment of an additional 45 megalitres of wastewater each day? That's equivalent to 18 Olympic-sized swimming pools.

The work at Riverstone WRRF includes:

- increasing capacity to treat additional wastewater
- upgrading wastewater pipelines
- new grit management system
- new wastewater digestion and energy recovery facilities, including carbonisation.

What's happened so far?

In July, we displayed a Review of Environmental Factors Addendum (REFA) to share a change in the design.

We have now completed most of the detailed design and are establishing a site compound within the existing WRRF site boundary at 108 Bandon Road.

Before beginning work to clear the site, we completed vegetation and fauna surveys.

What happens next?

We are continuing to prepare the site to get ready for construction. During this work you may experience an increase in truck movements along Bandon Road. There may also be some increased noise.

Construction is expected to start mid next year and be completed in 2028. The majority of our work will take place inside the boundary of the WRRF.

Electricity upgrades outside the site

As part of the project we will need to upgrade the electricity network along Bandon Road and Riverstone Parade. The work will not start until 2025 and we will keep the community updated as our plans progress.



Riverstone Water Resource Recovery Facility



**North West
Treatment Hub**

What is carbonisation?

Carbonisation reuses biosolids more sustainably by converting them into a product called biochar, which can be used in the construction, agriculture, horticulture and cropping industries. It also has a lower risk of odour and uses less energy compared to other chemical treatment processes.

As well as benefits for the circular economy, this new technology will reduce the volume of biosolids at the Riverstone facility by about 90%, which will reduce the number of trucks on local roads.

More detail about carbonisation can be found in the Carbonisation Fact Sheet on: sydneywatertalk.com/north-west-treatment-hub



How we manage community impacts

Our work hours for this project are:

**7 am to 6 pm, Monday to Friday and
8 am to 1 pm Saturdays.**

If we need to work outside these hours, we will let you know via a separate notification before the work takes place.

We will minimise impacts as much as possible through active monitoring of noise, dust and vibration, our selection of machinery and consideration of the hours we conduct our high impact activities.

Do you use the Rouse Hill wetland for recreation?

Separate to the North West Treatment Hub Program, Sydney Water is renewing the Rouse Hill wetland and hoping to hear from you to understand how you use the area.

Please share your thoughts with us by going to forms.office.com/r/rcC6NqEaV5 or scan the QR code below to participate in a short 2-minute community survey. We will also work with the local First Nations community to incorporate cultural knowledge.



You can read more about our renewal plans in our Rouse Hill community newsletter on the Sydney Talk website listed below under **Want to know more.**



Want to know more

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P 1800 560 682

W www.sydneywatertalk.com.au/north-west-treatment-hub



Interpreter service

If you need an interpreter, please call 13 14 50

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مترجم إلى بحاجة كنت إذا أعلاه بالرقم اتصل

如果您需要口譯員，請撥打上面列出的電話號碼

如果您需要口译员，请拨打上面列出的电话号码

Εάν χρειάζεστε διερμηνέα, καλέστε τον αριθμό που αναφέρεται παραπάνω

통역이 필요한 경우 위에 나열된 번호로 전화하십시오.

Nếu bạn cần thông dịch viên, hãy gọi số điện thoại được liệt kê ở trên