



# West Camden Water Recycling Plant Upgrade

November 2021

## Project update

Sydney Water is upgrading its West Camden Water Recycling Plant (WRP) to accommodate the additional wastewater needs of a growing community.

Part of the upgrade includes decommissioning of the existing sludge lagoon, as the new membrane bioreactor tanks will be constructed at this location.

Our delivery partner Downer|BMD will start the sludge lagoon decommissioning works from **Monday 22 November 2021**. These decommissioning works will be completed in 2022.

## Sludge Lagoon Decommissioning

Sludge is a by-product of wastewater treatment and generates odour when in open space. This decommissioning work will generate temporary odours in and around the West Camden WRP site. It is anticipated that the odours will be higher in the first week or two and then will slowly reduce over the following months

We will start the decommissioning of the existing lagoon by stirring up the sludge and mixing in chemicals, which will help in liquifying the sludge. The sludge will then be pumped into Geotubes, which drain the water from the sludge through gravity filtration over time.

The filtrate from the Geotubes will be pumped back to the existing treatment process whereas the remaining sludge in the Geotubes will be taken offsite to a suitable disposal facility once dried.



Geotubes

## How we control odour

Controlling odour is important to minimise impacts on our customers, community amenity and our assets.

We are using the most effective and efficient odour management methods that will benefit the community.

This includes:

- Limiting odours through **containment**
- Use of **Deodorisers** to mitigate the nuisance of the odour. These will be used as a temporary measure while the odours are at its highest levels.

## Safety and regulation

The health of our community and Sydney Water's personnel is given the highest priority.

Hydrogen Sulphide (H<sub>2</sub>S) is a gas that is produced because of the microbial breakdown of organic materials in wastewater. H<sub>2</sub>S can be smelt by people at very low levels and while unpleasant and annoying, it is not in high enough concentrations to be toxic.

## Something in the air? Let us know

We're committed to minimising the impact our works has on the community.

You can help by letting us know when you experience odour issues. The information you provide, combined with our own operational data, will help us make improvements

If you're experiencing odour issues you can let us know using a short online form via this QR Code. This is the quickest way to submit your experience and for us to respond.

You can also let us know when there is no odour present. This is valuable information too.

We'll update you in the future about the feedback we've received and how it's helped us improve what we do.



## Work hours

Our standard working hours are from 7am to 6pm Monday to Friday and 8am to 1pm Saturday.

We may need to work outside of our standard hours from time to time and you will be notified if this is the case.

Where possible, we will not work on Sundays or public holidays.

We'll keep you updated as this project progresses.

**Thank you for your cooperation during this essential work.**

Interpreter Service 13 14 50

**Arabic • Chinese • Greek • Italian • Korean • Vietnamese**

إذا كنت تحتاج إلى مترجم، يرجى الاتصال بالرقم أعلاه.

如果您需要傳譯員的協助，請致電以上的號碼。

Αν χρειάζεστε διερμηνέα, τηλεφωνήστε στον παραπάνω αριθμό.

Se vi serve un interprete, telefonate al numero indicato sopra.

통역사가 필요하시면 위의 번호로 전화하십시오.

Nếu quý vị cần thông dịch viên, hãy gọi đến số trên đây.

**"The protection of the environment is an overriding theme of the project"**



## Staying updated – on time, every time



**Web:**

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**Need to contact us on another matter? Call our Contact Centre on 13 20 92**

We take both the privacy and security of your data seriously. To find out how we use and protect your data, please refer to the Sydney Water Privacy Policy on our website.