



March 2021

## Prospect South to Macarthur Project

By 2056 Sydney is expected to grow to around eight million people, putting our existing water network beyond capacity. Sydney Water has a long-term plan to increase resilience in our network.

Under the Prospect South to Macarthur (ProMac) project we are building new drinking water pipelines and infrastructure as part of Sydney Water's long-term plan to extend the city's water capacity and supply.

ProMac will upgrade our existing water reservoirs at Liverpool and Cecil Park as well as build two new reservoirs at Oran Park.

This will allow for an extra 100 Megalitres of reservoir capacity in Western Sydney. That's the equivalent of about 50 Olympic-sized swimming pools!

We're also building 15 km of additional pipework, three pumping stations, three chlorination plants and upgrading our existing network to ensure growing communities in South Western Sydney have access to clean drinking water.

As part of ProMac we are building a new re-chlorination plant within the Campbelltown South Reservoir site off Karrabul Road, Bradbury.

The new plant will improve the management of water quality.

Investigation work will start in early April within the Reservoir site and along Karrabul Road, Greengate Road and Merino Crescent.

To learn more about the ProMac project, visit the Sydney Water Talk website:  
[www.sydneypwatertalk.com.au/ProMac](http://www.sydneypwatertalk.com.au/ProMac)



The ProMac works inside the Campbelltown South Reservoir site at Bradbury.

## About the new re-chlorination plant

A re-chlorination plant will be built next to the Campbelltown South Reservoir in Bradbury. One building will be constructed, covering an area of approximately 16 metres by 3.5 metres x 3.5 metres high.

Small amounts of chlorine are added to drinking water to make it safe to drink. This is in line with Australian Standards.

This new plant will automate the dosing and monitoring of chlorine into the adjacent reservoirs, which gives Sydney Water better control over water quality for its customers.

The building will be constructed offsite and delivered as a complete unit to be installed onsite. Construction of the new facility will start later in the

year. The building will be painted green to help it blend in with its surroundings.

Once the plant is operational, Sodium Hypochlorite (commonly known as chlorine) will be delivered in a tanker truck each fortnight. Deliveries will be received Monday to Friday 7 am to 6 pm and Saturday 8 am to 1 pm.

Chlorine is odourless and a new tanker receiving area will be surrounded by a concrete bund similar to a petrol station forecourt, to safely capture any spills during unloading.

A new access road will be built between the existing site access gate and the tanker receiving area.

An operating re-chlorination plant is not noisy and would be accessed weekly by Sydney Water for deliveries, inspections and maintenance.

The facility will be securely fenced.



A picture of a typical Sydney Water re-chlorination plant.

## Property condition surveys

Property condition surveys will be offered to households directly adjacent to the plant works in the coming weeks.

An inspector would take a photographic record of interior and exterior of your home.

Once you have received your letter of offer, contact the ProMac community team to arrange your appointment.

An assessment of the equipment required to construct the re-chlorination plant has been completed and limits set for vibration to ensure that any vibration generated is below levels that could cause structural damage to a home.

Vibration will be monitored throughout works to ensure that levels are within approved limits.

## Construction traffic and impacts

Residents will see construction traffic around the Bradbury area.

Residents can expect to see truck movements along:

- Karrabul Road
- Greengate Road

You may also notice an increase in noise, dust and vibration during this work. Residents close to the works may choose to cover their pools when not in use.

We will monitor our work to minimise any impact on the community and our community relations team will contact you if you are directly affected.

## Work hours

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

## To know more about ProMac:

**Call:** 1800 678 098

**Email:** ProMac@sydneywater.com.au

**Visit:** [www.sydneywatertalk.com.au/ProMac](http://www.sydneywatertalk.com.au/ProMac)

Interpreter Service 13 14 50

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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.