



April 2023

## Prospect South to Macarthur Project

Sydney Water has a long-term plan to increase resilience in our network and to extend the city's water capacity and supply.

As part of the Prospect South to Macarthur (ProMac) program we built a new drinking water pipeline between the Narellan South Reservoir and Sugarloaf Pump Station in Menangle Park.

We are currently installing a new re-chlorination plant in Mount Annan.

In Currans Hill, we are replacing the reservoir so that it can reliably supply water to the community for decades to come.

We would like to say thank you for your support, patience and cooperation while we complete these essential works.

### Narellan South re-chlorination plant update

Following a pause over the December shutdown, work re-commenced on site at the Narellan South Reservoir (inside William Howe Regional Park) at the beginning of January.

Over the last three months we have completed:

- installation of underground services, including 80% of electrical cabling to power the re-chlorination plant
- retaining wall construction for the new access road within the Sydney Water site
- construction of the delivery bund as an environmental control for spill management once the re-chlorination plant is operational
- water connection and dosing line works to improve water quality for Sydney Water customers.

Over the next three months we will:

- continue stormwater works and construction of the internal access road using vibratory rollers and compaction

equipment.

- mobilise a crane and heavy vehicles to deliver and unload the re-chlorination plant buildings
- install the re-chlorination buildings. The buildings will be delivered shortly using multiple over-sized vehicles. Once installed, the plant will consist of three buildings with a total footprint of about 15m long by 7.6m wide by 3.5m high.

We may need to complete the delivery outside of our standard work hours. We will notify the community before the delivery occurs.



Compacting the internal access road at the Narellan South Reservoir using vibratory rollers and compaction equipment.

### Did you know

Vibration can be felt by humans well before there is any risk of structural damage to residential dwellings. Vibration levels from road and stormwater works will remain well below the threshold required to cause structural damage. Sydney Water's contractors have been monitoring vibration output using specialised equipment throughout construction to ensure the work is well below threshold limits.

## Landscape restoration of Narellan South Reservoir

The area will be restored with native plants when construction of the re-chlorination plant is completed. A landscape design plan has been developed to screen resident's view of the Sydney Water facilities as much as possible.

As part of the restoration effort at this site, Sydney Water will also remove the African Olive infestation. This is part of a coordinated effort in partnership with National Parks and The Australian Botanic Garden in Mount Annan to significantly reduce coverage of this invasive weed in this area of Sydney to allow native vegetation to flourish.

### Did you know

The plant species selected for restoration at the Narellan South Reservoir are hardy Indigenous and native plants requiring minimal maintenance. Occasional mowing will be completed for fire management. Selected species include:

#### Trees and shrubs (Eucalyptus):

- Thin-leaved stringybark, Grey Box and Forest Red Gum

#### Understory shrubs:

- Kangaroo Grass, Many-Flowered Mat-Rush, Wallaby Grass and Common Tussock Grass

#### Native grass mix:

- Weeping Grass, Wallaby Grass and Kangaroo Grass

## Thank you Mount Annan community

We acknowledge that ProMac works have taken longer than we originally anticipated. We began constructing a new water main inside William Howe Regional Park in August 2021, followed by our re-chlorination plant works in February 2022.

The re-chlorination plant is expected to be **completed by July 2023, weather permitting.**

The benefit of this work is to provide reliable and safe drinking water supply for residents.

We thank the Mount Annan community for their patience as both projects were affected by wet weather and other unforeseen circumstances.

## Currans Hill Reservoir update

Our contractor Brockman Engineering mobilised to site in January 2023 to build a new reservoir for the community. Once complete, the new reservoir will be the same size as the previous one.

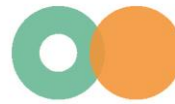
Over the past three months, the contractor has completed:

- site establishment and crane mobilisation
- ground preparation work for the new reservoir
- the placement of 3m by 6m steel floor plates, weighing around 5 tonne each.

Over the next three months we will:

- vertically place and weld steel sheets to form the reservoir walls (each row is referred to as a 'strake')
- continue transporting large components into the site multiple times a week using heavy vehicles

Noisy work is to be expected while the team construct the new reservoir, including grinding, cutting of steel and hammering to secure steel panels into place. Painting will commence later in the year.



The new reservoir will be completed by the **end of 2023**, weather permitting.

## Traffic control in Currans Hill

Traffic controllers are currently assisting heavy vehicle movements, motorists and pedestrians in Currans Hill while large deliveries are transported into the site. There will be no road closures.

Heavy vehicles will continue to deliver large components into the site. Delivery frequency is expected to reduce from April and we will continue to schedule outside of peak traffic hours.

You may experience:

- large heavy vehicles along the route approved by Camden Council, via Turner Road, Ascot Drive and Manooka Road
- a short traffic delay along the approved route
- an occasional occupied parking spot on the street while traffic controllers are assisting heavy vehicles
- noise as traffic controllers assist heavy vehicles.



The placement of steel floor plates each weighing the equivalent of around four utility vehicles!

## Thank you Currans Hill community

We will continue to keep the community informed as construction progresses.

We apologise for any inconvenience and thank the community for their patience while we complete this essential work.



The crane at Currans Hill preparing to install steel plates weighing around 5 tonne each.

## To know more about ProMac:

**Call:** 1800 678 098

**Email:** [ProMac@sydneywater.com.au](mailto: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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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.