

Prospect South to Macarthur Update

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 are building a new drinking water pipeline, reservoir and pump station in Cecil Hills.

We thank the community for their continued support, patience and cooperation while we complete this essential work.

Pump Station update

Our Principal Contractor Service Stream has completed all interior and exterior work of the new pump station and two high voltage switch room facilities.

Since our May update, Service Stream has completed:

- construction of utilities to support stormwater, electrical and water systems
- pre-commissioning activities including testing of newly installed pumps, fans and motors inside the pump station
- pressure testing and disinfecting of the newly installed pipework
- operational noise testing of the new facility.

Over the next three months, Service Stream will:

- continue commissioning activities to bring the new facility into operation
- finalise the access road around the pump station

- restore affected areas using vibratory rollers and heavy plant. You may experience increased noise, vibration and dust as we continue to compact the ground. There will be no interruptions to your water service while we complete this work.

Completion of the new pump station and surrounding access road will be before the end of this year. ProMac work will continue at the site while a new re-chlorination plant is built by early-mid 2024 (refer to page overleaf).



An aerial view of the pump station, reservoirs and progress of the new internal access road around the facility.

Did you know: vibration

Vibration can be felt by humans well before there is any structural damage risk to residential dwellings. Vibration levels from road works have remained well below the threshold that could cause structural damage. To ensure this, Sydney Water's contractors have been monitoring vibration output throughout construction.

For any questions or concerns, please contact the ProMac Community Engagement team via ProMac@SydneyWater.com.au or 1800 678 098.



Restoration of the site

As ProMac work comes to an end and areas are restored, we will progressively replant to filter views of the new infrastructure and return some of the bush outlook. We will eventually be contacting our direct neighbours to show them a draft landscape design plan and seek their feedback.

Upcoming ProMac work: re-chlorination plant

To improve the management of water quality for its customers, Sydney Water will install a small re-chlorination plant inside the Liverpool Reservoir facility.

Located towards the centre of the site, the building is made offsite and delivered as a complete unit on the back of a truck and lifted into position using a crane. **This work will begin from September 2023 and is expected to be complete by early to mid-2024.**

You may experience noise, vibration and dust as we compact the ground at the centre of the site. This activity will support a new access road and foundation slab.

A re-chlorination plant automates the dosing and monitoring of chlorine into the adjacent reservoirs. The building will not be noisy when operating.

Did you know

Once complete, the new pumping station and adjacent reservoirs will deliver up to 153 megalitres of reliable and clean drinking water to the community every day!



An example of a re-chlorination plant at a separate Sydney Water site.

Site tour: Member for Liverpool

In August, Member for Liverpool, Charishma Kaliyanda MP, toured Sydney Water's Liverpool Reservoir site in Cecil Hills to view the newly constructed drinking water reservoir and pumping station currently being delivered by Sydney Water in partnership with Acciona under the Prospect South to Macarthur Program (ProMac).

The new infrastructure will service the Liverpool CBD, Western Sydney Aerotropolis Growth Area, and the Southwest Growth Area. In addition to this, it will strengthen the existing Sydney Water network to ensure growing communities in Southwest Sydney have a resilient and reliable drinking water supply. The tour involved inspecting the new 60 megalitre drinking water reservoir and an internal tour of the new drinking water pumping station.

Charishma delved into important issues for the Liverpool electorate including innovative solutions for growing regions, water education programs in schools, working with local councils to cater for growing communities, and the use of solar energy on Sydney Water infrastructure.



Member for Liverpool, Charisma Kaliyanda MP (left) touring the new pump station facility.

Upper South Creek Advanced Water Recycling Centre (AWRC) and pipelines

This week, Sydney Water's delivery partner John Holland will start construction of the AWRC in Kemps Creek and establishment of temporary work compounds along the 40km pipeline alignment between Wallacia and Lansdowne. A small temporary compound will be established inside the Liverpool Reservoir facility in the coming months to support construction through Cecil Hills and Bonnyrigg. We will keep the community informed about this work.

To provide feedback about the **Upper South Creek Advanced Water Recycling Centre Project**, please contact John Holland's Community Team on **1800 064 127** or uppersouthcreek@sydneywater.com.au. For further information, visit sydneywatertalk.com.au/uppersouthcreek.

May Highlight



In May, representatives from Channel 7 News toured the Liverpool Reservoir site to promote the new facility on New South Wales television.

Thank you Cecil Hills community

We acknowledge that ProMac works have continued for a significant amount of time at the Liverpool Reservoir facility. We began constructing a new reservoir in 2020, followed by construction of a pump station, and will soon be installing a re-chlorination plant in the middle of the site.

This work will provide reliable and safe drinking water supply to the community. We thank the Cecil Hills community for their patience and understanding while we complete this essential work.

To know more about ProMac:

Call: 1800 678 098

Email: ProMac@sydneywater.com.au

Visit: sydneywatertalk.com.au/ProMac

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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.