

# Lake Cargelligo embankment upgrade

The upgrades will improve dam safety and enable the embankments to meet current and future needs of the local community and WaterNSW customers.

## Progress update

Over the past few months, we have continued to concentrate our construction work fronts on embankments C2 and C3 as well as the installation of a coffer dam to prepare for start of works at embankment B.

This work has included:

- Stripping and preparing the new embankments with stabilised material and new drainage pipework and fittings
- Rebuilding and widening the embankments with conditioned materials
- Tree removal along embankments
- Installing large rip rap (large rocks) to the lake side of the embankment for further erosion control and protection
- Progressing permits to progress construction on further sensitive areas of embankments B and C
- Completing quality testing across each work area.

Work will resume in January 2024, with an expected completion date for all works by mid to late 2024, weather permitting.

Visit [www.waternsw.com.au/projects](http://www.waternsw.com.au/projects) to check out the construction process.



Drainage pipework and fittings being installed within the C2 embankment

## Our year at a glance



**52,000**  
total hours worked on site



**\$3.3 million**  
spent locally on supplies and equipment



**900+ metres**  
of pipe installed across embankments B, C2 and C3



**5**  
local truck drivers employed



**66,000 tonnes**  
of earth moved



**7**  
Aboriginal identified employees



**\$580,000**  
spent locally on food and accommodation for our workers



**10**  
community notifications and updates



**Gold sponsor**  
Lake Cargelligo Business Awards 2023

## Construction during Christmas and New Year

Construction work areas will close over the Christmas and New Year holiday period from **7pm Friday 22 December 2023** until **6am Monday 8 January 2024**.

Throughout 2024, our working hours will continue to be **Monday to Sunday 6am to 7pm**, inclusive of public holidays.



## Upcoming work planned in 2024

Upcoming work will include:

- Ongoing vegetation removal
- Installation of filter trenches across all embankments
- Continuation of clay and stabilising material for embankment widening
- Upgrade of existing lake outlets including trenching across Nilssons Lane to provide irrigation to landholders
- Bore drilling and trench digging
- Completing quality testing across each work area
- Demobilisation of all temporary compounds and restoration of all impacted areas

## Lake storage capacity

The Lake Cargelligo storage capacity is limited to 75% storage capacity in the short term so WaterNSW can maximise the work completed before the 2024 irrigation season.

This change will not impact recreational users, who will continue to have full use of the lake and public boat ramps. WaterNSW will keep the community and our customers updated on any change to the lake's storage capacity. We thank you for your patience.

## Work program



Follow the QR code to view more photos of the progress



## More project information

For construction enquiries, please contact Diona's Community Engagement team by phone on **1300 131 338** or by email [community@diona.com.au](mailto:community@diona.com.au)

## Contact WaterNSW

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