

Lake Cargelligo Embankment Dam Upgrade



Fact Sheet - September 2022



Project overview

WaterNSW is upgrading the three embankment dams (A, B, C series as shown on the map below) of Lake Cargelligo. The aim of the project is to make modifications to the existing embankments to ensure they comply with modern engineering standards and that they continue to function effectively for the long-term. This includes reducing the risk of internal and external erosion of the embankment dams and overtopping associated with wave erosion of the embankment dams.

WaterNSW recently appointed Diona to complete the construction stage of this project.

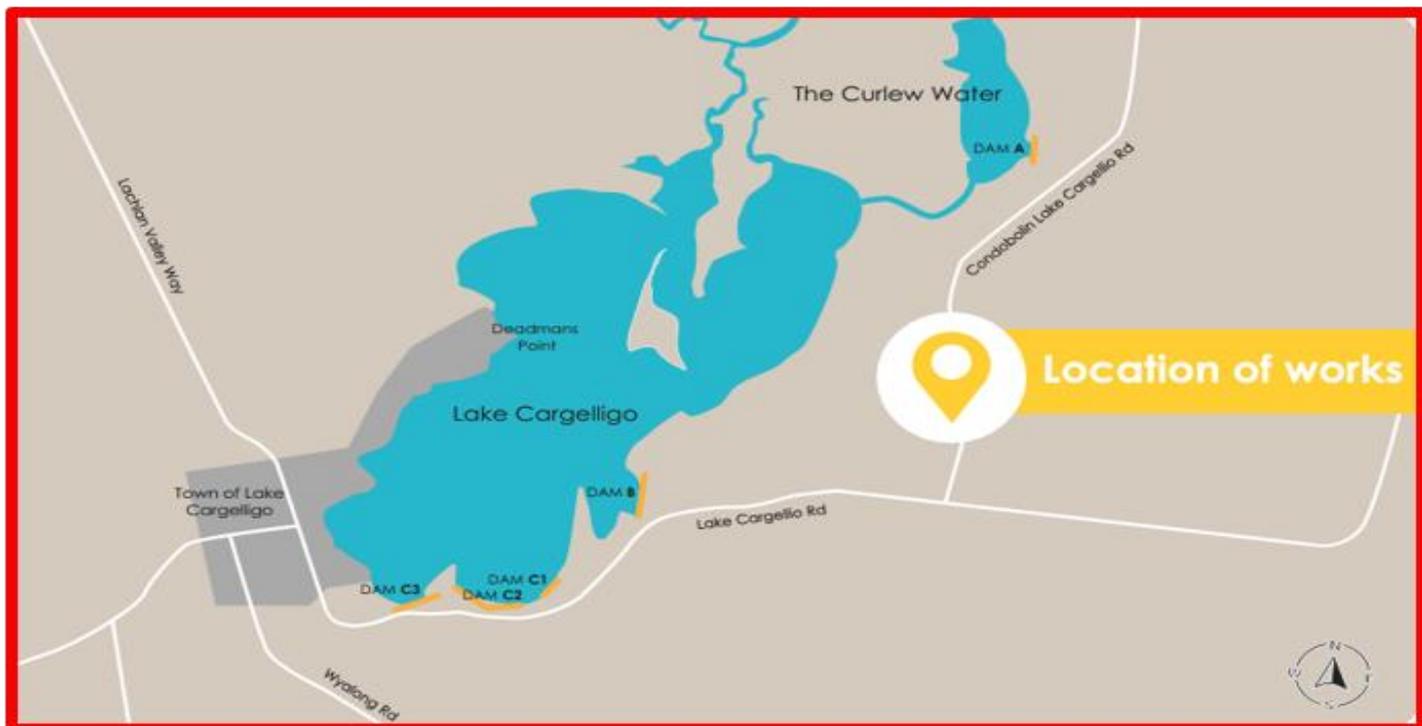
Indicative works areas

Construction delay

Construction works were originally scheduled to commence in mid-2022. Due to significant inflows from above average rainfall within the Lachlan River catchment, construction works have been temporarily delayed until 2023.

Works to upgrade the embankments shown on the map below require the lake to remain at 50% capacity. To meet our environmental obligations, and to avoid safety and construction risk, works cannot proceed at this time. The project will restart in 2023 when conditions are more favourable.

WaterNSW will continue to monitor the lake's level over the coming months and progress any survey works and heritage assessments that aren't impacted by the current lake conditions. Later this year we will provide information regarding dates for the recommencement of construction in 2023.



Works program

To ensure the works can be completed safely, the lake will be maintained at 50% capacity during our period of works in 2023. Outside of our work program, the lake volume restrictions will be lifted.

September – Q2 2023	Ongoing cultural heritage assessments.
Expected Q1/Q2 2023	Commence storage drawdown to 50%. Advanced notice will be provided to the community.
Expected Q1/Q2 2023	Remobilise construction teams, and machinery. Complete trial embankment works and establish temporary site compound.
Expected Q2 2023	Start of construction to upgrade embankments (program of works to be announced in Q1/Q2 2023). Construction restart pending lake levels and inflow levels.
End 2023	Removal of all temporary compounds and reinstatement of all impacted areas.

Community involvement

WaterNSW and Diona remain committed to working with local businesses and suppliers in the community. We would encourage local suppliers, job seekers and members of the community who would like to learn more about careers in civil construction to register your interest to participate in this project by contacting the Diona Community Engagement team via the contact details below.

WaterNSW and Diona will continue to work with all landowners, Aboriginal community and other stakeholders prior to the restart of any construction work and during the construction period.

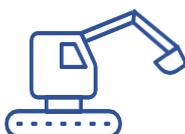
Further information

WaterNSW has increased monitoring at Lake Cargelligo as inflows continue to increase the storage level. Current storage capacity within the lake has exceeded 150%, and we advise people to remain vigilant and avoid movement around the lake edges and embankments.

While the risk to the integrity of the lake's embankments is considered minor, WaterNSW is reinforcing areas prone to leakage as a precaution. WaterNSW has also stockpiled rock and materials on site should further embankment support be required.

Contact us

For more information about the Lake Cargelligo Embankment Dam upgrade:



For construction related enquiries, please contact Diona's Community Engagement team by phone on **1300 131 338** or by email community@diona.com.au



For general enquiries and to receive project updates email Customer.Helpdesk@waternsw.com.au



Call the WaterNSW Helpdesk on call **1300 662 077**



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