

Project overview

Seqwater is upgrading Noosa's Lake Macdonald (Six Mile Creek) Dam as part of its Dam Improvement Program. Early works are now underway, with construction expected to commence mid-year.

The Lake Macdonald Dam Improvement Project will involve building a new spillway and reconstructing the existing earth embankments to meet modern engineering and dam safety standards.

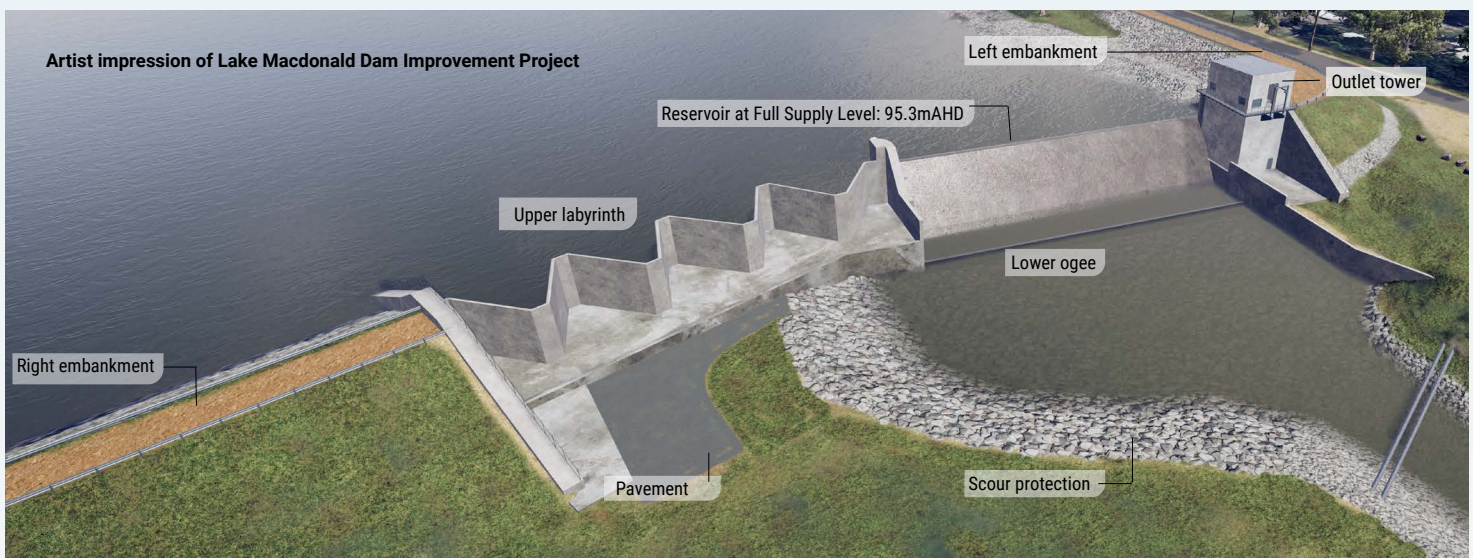
The improved design will be able to withstand a 1 in 500,000 year flood and ensure the continued reliability of this water source for years to come.

Project approach

Seqwater has undertaken comprehensive engineering, environmental and economic studies, and considered previous feedback from the community reference group, which has informed the best design and build approach.

Key measures include:

- More water in Lake Macdonald during construction through the use of a temporary coffer dam.
- The Noosa Water Treatment Plant will continue to operate for ongoing water security.
- Environmental flows will be maintained to ensure water supply to support the habitat downstream.
- Reduced impact/risk to aquatic life, plants and animals in and around the lake due to higher lake levels.
- Some recreation areas and activities at Lake Macdonald will remain open during construction.
- The project will also employ local contractors and procure local businesses as much as possible.



Upcoming information sessions

The below drop-in community information sessions are being held to provide the opportunity to seek further information on the project. Drop by anytime during the sessions to speak with the team:

- **Tuesday 13 February, 2:30pm-5pm - Cooroy Memorial Hall, Maple St Cooroy**
- **Monday 19 February, 9:30am-12noon - Cooroy Memorial Hall, Maple St Cooroy**
- **Saturday 2 March, 9:30am-12noon - Pomona Memorial Hall, Reserve St Pomona**
- **Tuesday 19 March, 2:30pm-5pm - Cooroy Memorial Hall, Maple St Cooroy**

Project scope

The project will include:

- Minor lowering of the Lake Macdonald water storage to accommodate construction. Seqwater has worked to minimise this impact, with a temporary water level that will be reduced by approximately 2 metres from the full supply level. This water level will provide water security reliability for the Noosa community and maintain access to the lake and local ambience during the construction period.
- Relocation of fish by expert fish biologists, via a purpose-built fish transport vehicle, to Cooloolabin Dam.
- Construction of a coffer dam to protect the site and manage flows in Six Mile Creek during construction.
- Demolition of the existing spillway and dam wall.
- Construction of the new dam wall.
- Additional works include fish protection measures (including proposed construction of a fish passage at Gympie Weir), land management activities and rehabilitation.



**Timing is subject to weather and construction conditions permitting.*

What to expect

Seqwater will work with the selected contractor to finalise the construction schedule, and is committed to keeping the local community informed. Over the coming months, early works will include site set up, survey works, some tree removal and commencement of lake lowering. Main construction works are expected to commence in mid-2024, with the construction of the coffer dam.




As the project progresses, nearby residents may notice an increase in dust, personnel onsite, noise and vehicle movements in the local area. Every effort will be made to minimise the impact of these activities on nearby residents and we thank you for your patience and understanding in advance while we undertake this important project. Seqwater or its contractor will provide advanced notification of expected construction impacts.

For detailed project information

Visit the project webpage by scanning the QR code for details on:

- design
- upstream cofferdam
- lake lowering
- timing

To sign up for project updates, please scan the QR code and subscribe to the newsletter at the bottom of the web page.

-  www.seqwater.com.au
-  07 3432 7000 (business hours)
-  projectinfo@seqwater.com.au

Non-English speakers call 131 450 and ask for Seqwater on 07 3035 5500.

If you have a hearing or speech impairment, contact us through the National Relay Service and give the number 07 3035 5500 a call or visit www.relayservice.gov.au for more information.

