

Manton Dam Return to Service

Project Fact Sheet

Project overview

Built in the 1940s with a storage capacity of 14,000 megalitres, Manton Dam was Darwin's primary source of water until Darwin River Dam was commissioned in 1972. The Northern Territory Government (NTG) opened Manton for recreational use in the late 1980s and maintained it as a potential future water supply source.

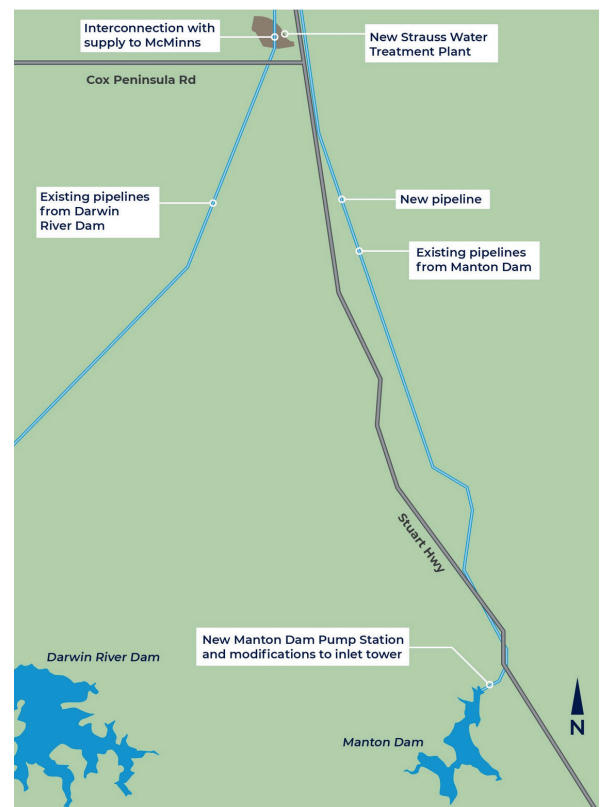
With demand for water in the Darwin region expected to double by 2050, and water storage levels in Darwin River Dam increasingly affected by climate change and evaporation, more future proofing of our water supply system was needed.

As part of this future proofing, we are working to return Manton Dam to service as an operational drinking water supply source through the Darwin Region Water Supply Infrastructure Program (the Program).

Returning Manton Dam to service is part of stage one of the Program. The \$189 million project is jointly funded by the Australian Government and NTG.

Manton Dam will continue to be a recreational resource for the community to enjoy. We are developing a recreation management plan for the reservoir in collaboration with NTG.

Once Manton Dam is back in use as a source of drinking water, it will provide an additional 7,300 megalitres a year into the Darwin region water supply system. We will apply additional treatment measures to ensure the water meets stringent drinking water quality standards.



Project timeline

- May 2024: Project design and construct tender awarded to Exact Contracting.
- July 2024: Construction commences.
- Early 2026: Construction completed.
- Mid 2026: Manton Dam officially connected to the Darwin region water supply system.

Questions?

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Want to know more?

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Progress update

What is involved?

The \$189 million infrastructure investment includes:

- Refurbishing the existing inlet tower.
- A new pump station to draw water from Manton Dam.
- A state-of-the-art water treatment plant to support continued recreational use of the reservoir.
- A 22km pipeline to deliver water from Manton Dam to the Strauss Water Treatment Plant.

Project progress

Manton Dam inlet tower refurbishment



- Inlet tower resealed to make it watertight.
- Inlet valves replaced.

Manton Dam Pump Station



- Pump station slab poured.
- Operational access roads upgraded.

Manton to Strauss Pipeline



- 14km of 600mm steel pipeline installed so far.
- 6 pipe tunnels constructed under service corridors.

Strauss Water Treatment Plant



- Water treatment plant structure completed.
- External wash water tank completed.

The Darwin Region Water Supply Infrastructure Program Stage 1 is jointly funded by the Australian and Northern Territory Governments, delivered in partnership with Power and Water Corporation.