

# Lostock Dam to Glennies Creek Dam Pipeline and Paterson River Connection

## Final Business Case



Glennies Creek Dam and surrounds. Image courtesy of WaterNSW.

The Water Group in the Department of Climate Change, Energy, the Environment and Water, and Hunter Water, are developing a final business case for the proposed Lostock Dam to Glennies Creek Dam Pipeline and Paterson River Connection.

## About the projects

Currently in the planning phase, the proposed Lostock Dam to Glennies Creek Dam Pipeline and the Paterson River Connection aim to improve long-term water security and reliability in the Hunter region to effectively manage climatic, economic and social changes. They also aim to promote growth and the diversification of the Greater Hunter regional economy.

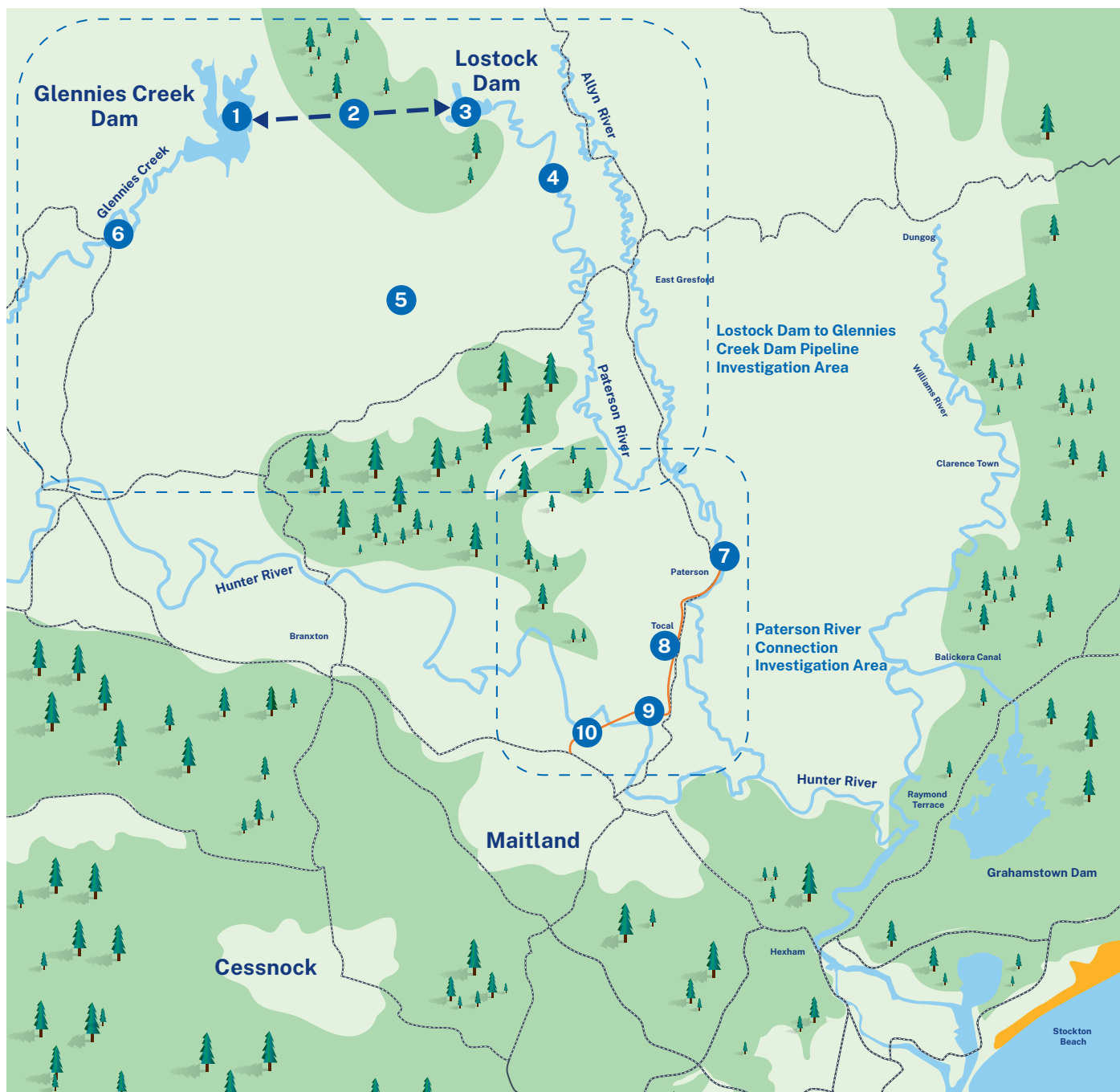
The projects include the:

- Lostock Dam to Glennies Creek Dam Pipeline Project involving the construction of a two-way transfer pipeline and pumping stations between Glennies Creek Dam and Lostock Dam
- Paterson River Connection Project involving the construction of a pumping station near the township of Paterson and an associated water treatment plant and pipeline to connect to the Hunter Water supply network in the Maitland region.

The infrastructure required to support the proposed projects would include:

- a new two-way water transfer pipeline between the Lostock Dam and Glennies Creek Dam
- a new pumping station located upstream of Lostock Dam wall
- a new pumping station located at Glennies Creek Dam
- power transmission and road infrastructure improvements
- a water supply offtake and pump station
- a new drinking water treatment plant
- a new reservoir
- pipelines and pump stations connecting to the Hunter Water network.

## Proposed infrastructure locations



Proposed infrastructure locations (indicative only).

- 1 Glennies Creek pump station
- 2 Lostock Dam to Glennies Creek Dam two-way transfer pipeline
- 3 Lostock Dam pump station
- 4 Paterson River Rd upgrade and power transmission upgrade
- 5 Westbrook Rd and Mirannie Rd upgrade
- 6 Power transmission upgrade
- 7 Paterson River pump station
- 8 Water treatment plant
- 9 Maitland Vale reservoir (adjacent to existing reservoir)
- 10 Water pipeline to Maitland



Lostock Dam surrounds.

## Benefits

The projects would benefit the region by:

- improving drought resilience and capacity to respond to drought events
- improving the continuity and reliability of water access
- providing greater flexibility to manage overall supply and demand
- supporting economic transition
- supporting population growth and expansion.

## About the final business case

A final business case is currently being developed to assess if the projects should proceed. It will ensure investment decisions are well assessed, provide value for money, consider and mitigate risks and are consistent with the NSW Government priorities and objectives.

The final business case is expected to be submitted for an investment decision in the second half of 2024.

If the projects proceed, an environmental impact assessment will be undertaken and the relevant planning approvals sought.

## Current status

The department's Water Group and Hunter Water have conducted a range of activities and assessments over the last 18 months to inform the final business case.

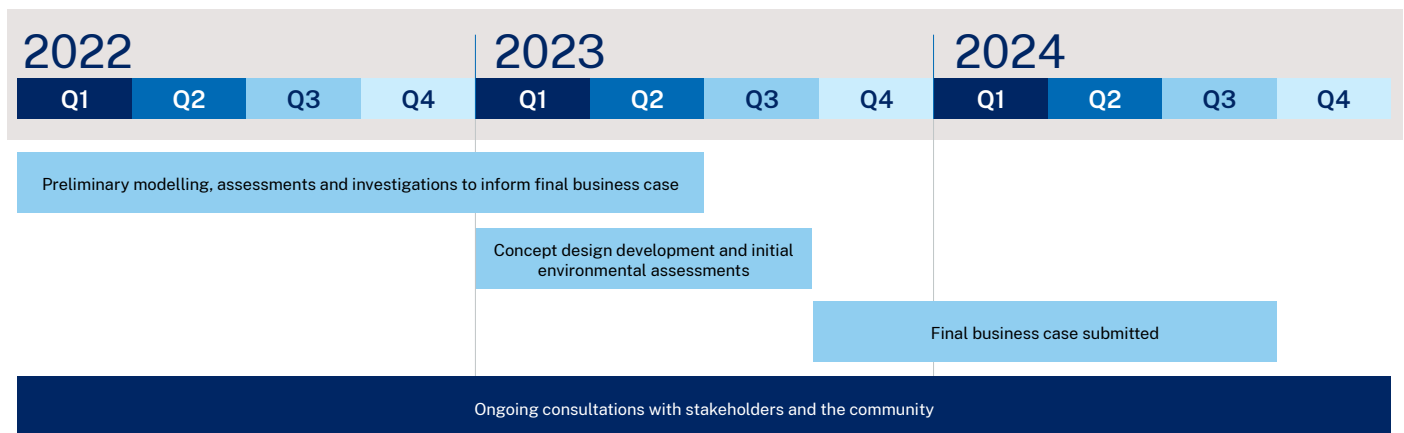
These include:

- engaging with First Nations people, landholders, community, industry bodies and other government agencies to discuss the projects and seek feedback on potential impacts, benefits and opportunities
- conducting environmental, social, land use and heritage investigations to inform potential infrastructure options in the Hunter region
- undertaking hydrological and estuary modelling to understand the impacts, benefits and possible effects of the proposed infrastructure options on the current water systems and catchments
- developing preliminary engineering concept designs.



The Paterson River at the Paterson rail bridge looking upstream.

## Final business case timeline



\* Timeframes are subject to change.

## Future engagement

Engagement on the projects is ongoing, and we will continue to provide opportunities for local communities and stakeholders to have their say on the projects.

Upcoming community engagement opportunities will be highlighted on the respective project webpages at [dpie.nsw.gov.au/lostock-glennies-pipeline](https://dpie.nsw.gov.au/lostock-glennies-pipeline) and [hunterwater.com.au/Paterson](https://hunterwater.com.au/Paterson)



Lostock Dam and surrounds.

## Find out more

For more information on the projects:

- visit [dpie.nsw.gov.au/lostock-glennies-pipeline](https://dpie.nsw.gov.au/lostock-glennies-pipeline)
- visit [hunterwater.com.au/Paterson](https://hunterwater.com.au/Paterson)
- email [lostock-glennies.pipeline@dpie.nsw.gov.au](mailto:lostock-glennies.pipeline@dpie.nsw.gov.au)
- phone 1300 081 047

**Subscribe for email updates on the project webpage.**



Scan the QR code to visit the project webpage.

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