

Barlil Weir project

On behalf of the Queensland Government, Sunwater is working to deliver a new weir at Barlil in the Burnett Region to improve regional water security and support agricultural growth.

Barlil Weir has been the subject of previous design and feasibility studies and was recommended for future consideration in the Bundaberg and Burnett Regional Water Assessment (BBRWA).

The new weir would increase the reliability of existing water allocations to provide opportunities such as higher value cropping options or expansion of agriculture in the area.

Delivering this project is a key commitment of the Queensland Government and Sunwater is working to progress planning and environmental approvals required for the construction of the new weir.

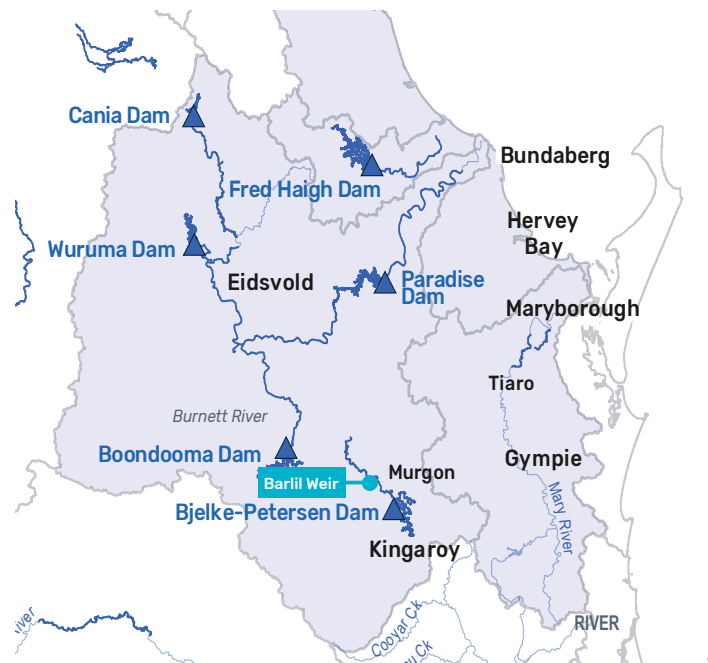


Proposed Barlil Weir site near Murgon

Project details

The Barlil Weir is planned to be built on Barambah Creek approximately 8 kilometres northwest of Murgon, in the Barker Barambah Water Supply Scheme (BBWSS).

The proposed weir will be approximately **6-7 metres high** and **90 metres wide**, and would have a capacity of approximately **1,500 ML** to improve Medium Priority water reliability.



Investigations



Budget estimate



Investment decision



Major construction

Project stages



Design



Approvals



Enabling work



Commissioning and ongoing operations

Investigations Underway

Sunwater is completing a range of site inspections and investigations critical to delivering this project:

Ecological surveys to identify the presence of any species and habitats protected under State and Commonwealth legislation.

Bathymetry surveys to map the depth and shape of underwater terrain and help understand the amount of water the weir could hold.

Aerial LiDAR investigations using a drone to better understand riverbank and regional topography.

Seismic surveys to understand geological features and structure deep below the surface.

Geotechnical investigations involving vehicle mounted drilling equipment to take core samples to inform engineering design for the new weir.

Cultural heritage surveys with the Wakka Wakka People.

Sunwater is collaborating with landholders and stakeholders to advance investigations and share updates as work progresses.

Water Planning

Sunwater will apply for an amendment to the Resource Operations Licence (ROL) to identify and include the new infrastructure in the ROL. As part of the ROL amendment application Sunwater will confirm the improvements to the scheme infrastructure continue to meet the performance indicators, outcomes and measures set out in the Water Plan (Burnett Basin) 2014.

A temporary ROL application will be required for the construction period. Sunwater will develop construction sequencing plans as part of this application to demonstrate plans for continued connectivity of river flow and delivery of water to the scheme during the construction period.

Sunwater will share information with the Customer Advisory Committee as planning progresses and hold customer information sessions.

We are happy to respond to feedback and questions from customers.

For more details or questions about the Barlil Weir Project, please contact the project team:

 07 3120 0050

 weirprojects@sunwater.com.au

 www.sunwater.com.au/projects/barlil-weir

For general customer enquiries, please contact customer support by phone on 13 15 89 or live chat via sunwater.com.au, Monday-Friday 8:30am-4:30pm.