

# Paradise Dam timeline

## Dam construction to Essential Works

Year	Event
2003 – 2005	Paradise Dam designed and constructed by the alliance <ul style="list-style-type: none"> <li>original members of the alliance were Burnett Water Pty Ltd (Burnett Water), Hydro Electric Corporation (trading as Hydro Tasmania), SMEC Australia Pty Ltd, Macmahon Contractors Pty Ltd and Walter Construction Group Limited (Walter). Walter’s participation ended during construction</li> <li>Burnett Water was a ‘special purpose vehicle’ and was not intended to become the eventual owner of the dam</li> </ul> Sunwater, which had expertise in dam design, provided technical advice to Burnett Water about the preliminary design.
2005	Sunwater, which was not a member of the alliance, directed to acquire the shares in Burnett Water and became the dam’s operator.
March 2010	First filled.
December 2010	Passed first flood.
January 2013	Flood of record (outflows continued to 20 March 2013).
March 2013 – December 2013	Emergency and interim flood repairs.
2013 – January 2015	Initial investigations, Dam Safety Review and Comprehensive Risk Assessment.
2015 – 2016	More detailed studies, Dam Safety Review and Comprehensive Risk Assessment.
May 2015 – August 2017	Initial improvements – monolith toe strengthening undertaken on primary spillway.
April 2017 – June 2018	Next stage improvements – preliminary business case for remaining works.
2018 - present	Preliminary design and planning for improvement works (two shortlisted options).
December 2018 – February 2019	Draft revised Dam Stability Assessment.
February 2019 – September 2019	Geotechnical site investigations and laboratory testing.
August 2019 – September 2019	Technical review panel workshop and revised assessment and reports.
April 2020	Paradise Dam Commission of Inquiry provides final report.
May 2020 – December 2020	Essential Works to lower the dam wall to reduce risk of a dam failure.
2021	Remaining Essential Works activities to be completed in 2021 after the wet season.