



BROKEN HILL LONG TERM BUSINESS CASE – EVALUATION OF PROJECT OPTIONS

The NSW Government is finalising a long term water supply solution for Broken Hill and surrounding communities.

This long term water project is part of the NSW Government's \$500 million investment package to secure Broken Hill's water supply.

A shortlist of project options are now being analysed against strict economic, environmental and social criteria to determine which project best meets the needs of the region and supports Broken Hill's economic prosperity for years to come.

This is a once-in-a-lifetime opportunity to get this right and ensure Broken Hill is on a sustainable footing for future generations.

The selection is subject to a technical and financial process overseen by water and infrastructure experts from DPI Water, NSW Public Works and Infrastructure NSW.

The preferred project must address a number of detailed criteria and undergo various feasibility and technical reviews as part of Infrastructure NSW's independent assurance processes.

WATER SECURITY

- ✓ Provide long term water security for Broken Hill and neighbouring communities – modelled on worst case supply scenario and projected population levels.
- ✓ Ensure a sustainable water solution is in place by the end of 2018.
- ✓ Ensure water supplies can be maintained in times of extreme drought and low inflows.
- ✓ Minimise the need for water restrictions.

WATER SUPPLY SERVICE LEVEL REQUIREMENTS

- ✓ Meet current and forecast peak daily water consumption of up to 37ML to support ongoing economic growth of the region.



WATER QUALITY

- ✓ Provide quality of water supply that achieves:
 - » Potable water supply to customers in accordance with Australian Drinking Water Guidelines;
 - » Chlorinated water supply to customers in accordance with Australian Drinking Water Guidelines; or
 - » Raw water in accordance with public health standards.



VALUE FOR MONEY AND AFFORDABILITY

- ✓ Deliver value for money in terms of construction and ongoing operation.
- ✓ Ensure water prices remain affordable for customers.

