

# Community UPDATE | 2018

Eurobodalla Southern Water Supply Storage project

Concept design on display for public comment

March 2018



# Southern Water Supply Storage have your say

In September 2016, we engaged independent consultants SMEC Australia Pty Ltd to carry out the concept design, Environmental Impact Statement and detailed design for a second water supply storage facility for Eurobodalla Shire. This storage facility would ensure ongoing water supply security for the shire.

This update provides details on the preferred location and concept design for the proposal.

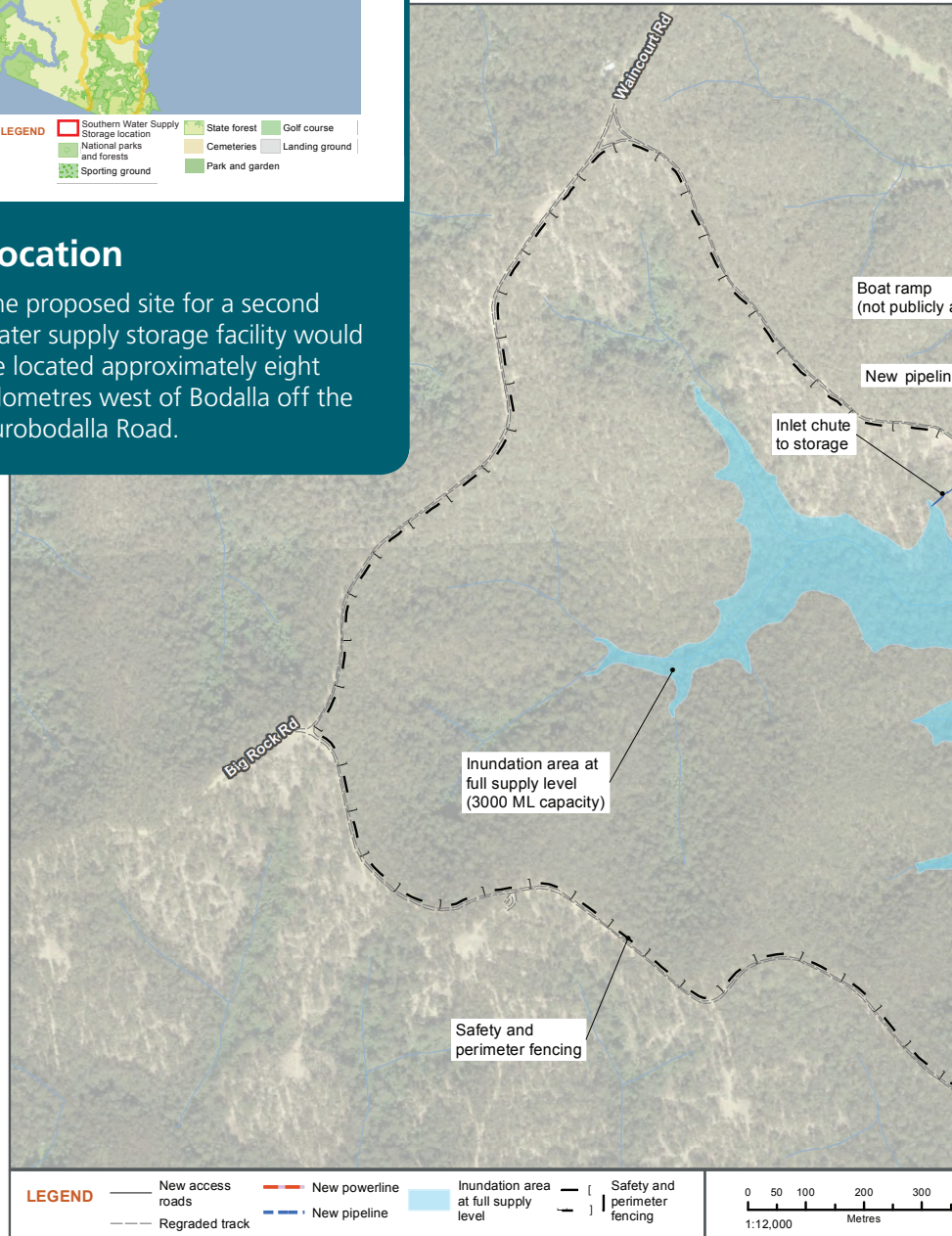
We welcome your feedback by **Friday 27 April 2018.**



- LEGEND**
- Southern Water Supply Storage location
  - State forest
  - Golf course
  - National parks and forests
  - Cemeteries
  - Landing ground
  - Sporting ground
  - Park and garden

## Location

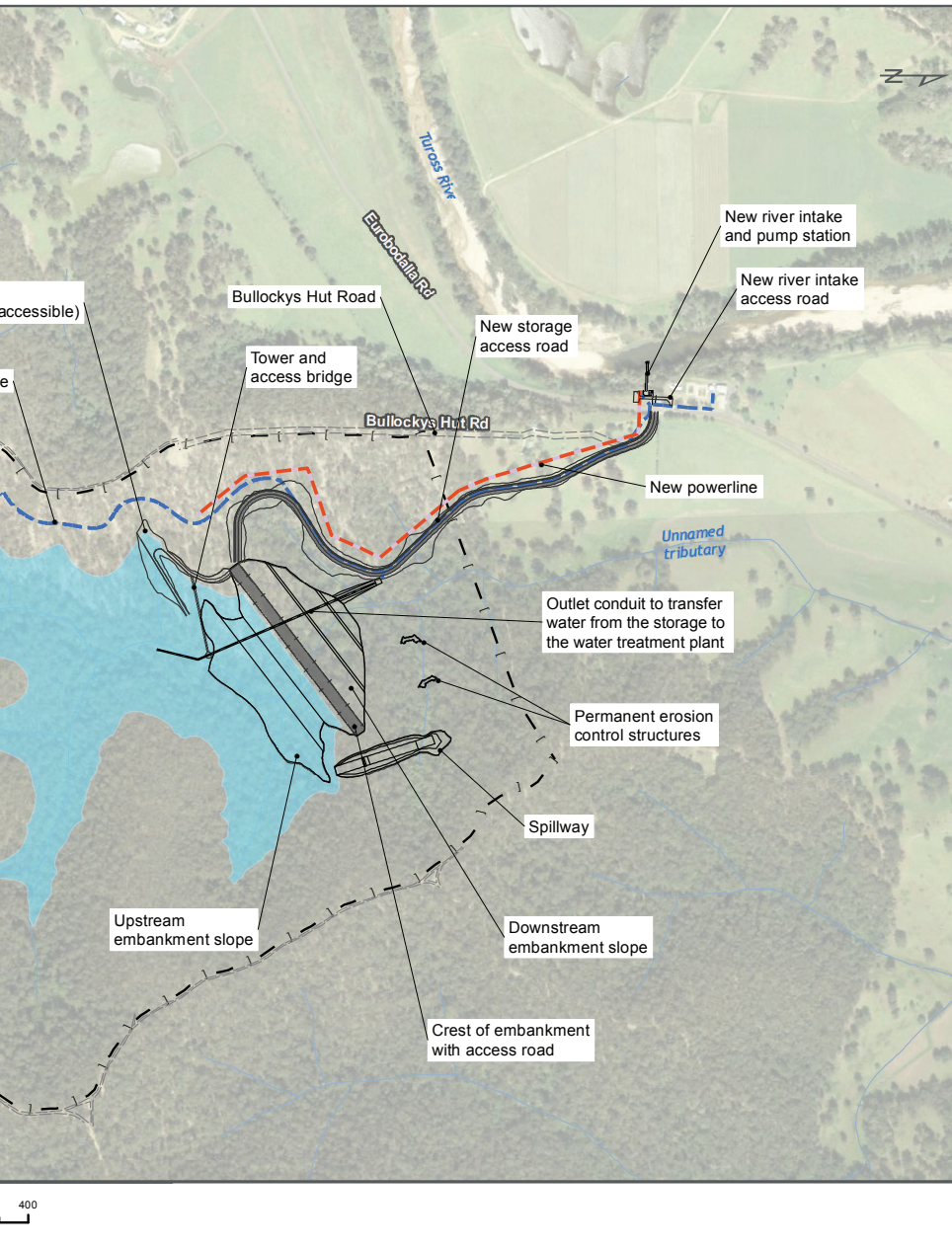
The proposed site for a second water supply storage facility would be located approximately eight kilometres west of Bodalla off the Eurobodalla Road.



## Features of the proposal

The proposed storage facility consists of an off-stream storage and associated ancillary facilities. Raw water would be extracted from the Tuross River from a new river intake pump station and existing bore field for transfer to the new storage facility in accordance with the *Water Sharing Plan for the Tuross River Unregulated and Alluvial Water Sources (2016)*.





Key features of the off-stream storage facility include:

- Capacity to hold up to 3,000 megalitres of water
- An embankment located on an unnamed tributary of the Tuross River
- A spillway to allow the storage facility to safely pass flood events into the Tuross River
- Erosion control structures located downstream of the spillway
- A new storage access road
- A new river intake pump station.

## Details

Eurobodalla Shire's water supply system currently services about 20,000 properties, including the main population centres of Batemans Bay, Moruya and Narooma. The system consists of two service areas; North and South.

The northern system draws water from the Deua/Moruya and Buckenboura rivers which feed into an off-river storage (Deep Creek Dam).

The southern system draws water from the Tuross River/Tuross alluvial aquifer which feeds directly to the southern water treatment plant. The southern system has no water storage and therefore relies on Deep Creek Dam for supply when flows in the Tuross River system cannot meet demand.

A new water storage facility was recommended for Eurobodalla Shire in a 2003 Integrated Water Cycle Management Strategy to ensure security of water supply during times of drought into the future.

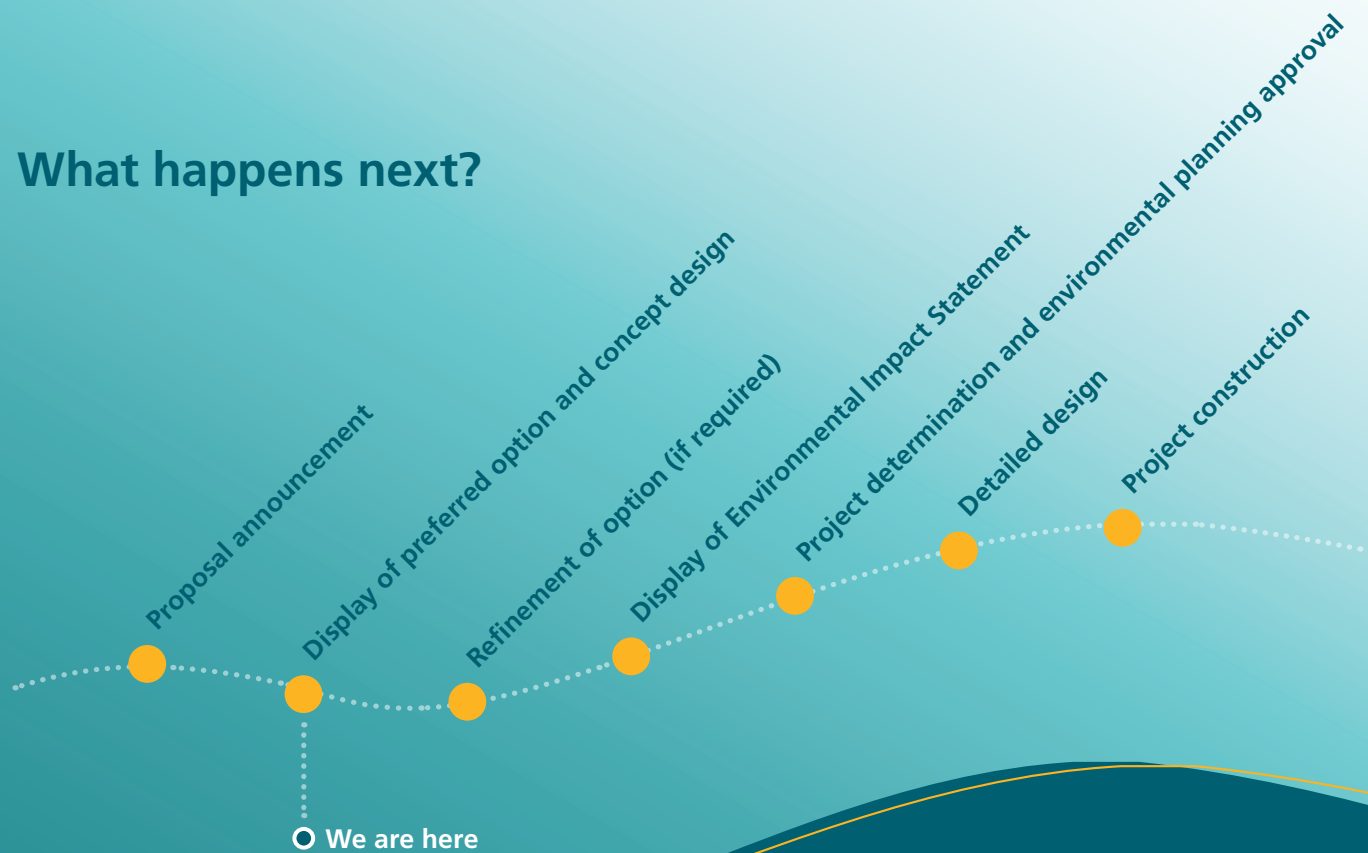
Investigations to identify a feasible site for an off-stream storage facility were carried out in 2005. Four potential sites were identified near the Tuross River. Following a preliminary environmental assessment of the four sites a preferred site was selected. The preferred storage site was selected due mainly to its close proximity to Council's existing water treatment supply infrastructure.

The project was deferred due to the reduction in demand due to water efficiency measures that had been put in place and the actual growth in Eurobodalla being less than predicted. NSW Government water sharing plans, which ensure environmental flows in rivers are maintained, recently came into force, bringing forward the need for the southern storage. This will allow the water supply system to provide drought security while minimising the environmental impact on the Tuross and Deua rivers.

## Construction staging

It is anticipated that construction of the southern storage facility for the Shire would take about two years to complete subject to planning approval, completion of the detailed design and availability of funding.

## What happens next?



## Have your say

We encourage you to have your say by providing written feedback.  
Comments are invited until **Friday 27 April 2018**.

You can provide your comments by:

**Mailing:** Eurobodalla Southern Storage Water Supply  
C/- SMEC Australia Pty Ltd  
PO Box 1052  
NORTH SYDNEY NSW 2060

**Email:** EurobodallaSouthernStorage@smec.com

## More information

Further information about the Southern Water Supply Storage is available from Council's website [www.esc.nsw.gov.au](http://www.esc.nsw.gov.au)  
Alternatively you can contact Jennifer Gatt, SMEC Senior Communications and Stakeholder Engagement Advisor:

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