

Sustainable Water Supply and Sewerage Services

Council's Integrated Water Cycle
Management Strategy and
Strategic Business Plan



Strategic planning



Integrated water cycle management (IWCM) in Eurobodalla Shire

Eurobodalla Shire Council has developed a long-term strategy for water supply and sewerage which focuses on the provision of sustainable, cost-effective and socially responsible services over the next 30 years. Implementation of the IWCM Strategy will deliver urban water supply and sewerage services to our customers without the need for substantial cost increases in accordance with the required levels of service:

- ✓ Providing high quality drinking water
- ✓ Minimising water supply interruptions
- ✓ Maintaining water supplies during drought
- ✓ Minimising sewer overflows
- ✓ Delivering appropriate water supply pressure
- ✓ Protection of the recreational value of our waterways and beaches
- ✓ Compliance with licence conditions
- ✓ Ensuring customer satisfaction





In achieving these levels of service we will also ensure efficient use of water and help protect our catchments and waterways to ensure the long-term sustainability of our water resources.

Our achievements

Council has implemented significant improvements to Eurobodalla's water supply and sewerage services over recent years.

Key Projects 2003 – 2015

- ◆ Water supply improvements - Moruya River to Deep Creek Dam pipeline, northern and southern water treatment plants
- ◆ Batemans Bay sewerage upgrade
- ◆ Tomakin sewerage upgrade
- ◆ Development of village sewerage schemes for Rosedale, Guerrilla Bay and Bodalla
- ◆ Planning for water supply augmentation
- ◆ Significant investment in renewal of water supply and sewerage assets

Measure	Achievement
 Water conservation	<ul style="list-style-type: none"> ✓ Demand for water is reducing despite a growing population. ✓ Average treated water supply to residential properties is the lowest in NSW. ✓ Average annual water use has decreased by 25% over the last ten years.
 Public health	<ul style="list-style-type: none"> ✓ New water filtration plants now provide high quality potable water. ✓ New sewerage schemes for Rosedale, Guerrilla Bay and Bodalla will reduce public health risks for these communities.
 Environmental health	<ul style="list-style-type: none"> ✓ New village sewerage schemes will improve water quality in downstream waterways. ✓ Sewerage system upgrades are improving the quality of our waterways.
 Customer service	<ul style="list-style-type: none"> ✓ The water supplied to our customers complies with drinking water (physical, bacteriological and chemical) quality requirements. ✓ Customer satisfaction with water supply and sewerage services is high.

Our priorities



Over the next few years we will:

- ◆ Invest in significant water supply and sewerage asset renewals
- ◆ Upgrade our sewage treatment plants
- ◆ Complete sewerage schemes in Rosedale, Guerrilla Bay, Bodalla and Potato Point
- ◆ Optimise the sewerage collection, transport and treatment systems
- ◆ Plan for a new southern dam
- ◆ Undertake additional investigations and consult with the communities of Nelligen, South Durras, Central Tilba, Tilba Tilba, Mystery Bay, Akolele and Congo regarding appropriate water supply and sewerage services
- ◆ Seek government funding to ensure the implementation of major projects such as the new dam and village schemes are affordable.



Servicing small
villages



Protecting the
environment



High quality
drinking water

Key challenges

Challenge	Our Approach
Water supply security	New water sharing plan rules will mean Council's water supply sources may not be sufficient during a drought. Additional dam storage and water treatment capacity are required.
Peak demand	The vibrant tourism business with our shire needs to be supported by upgraded infrastructure to ensure the required levels of service are met during peak holiday periods.
Asset renewals	Council has over \$800 million of water and sewer assets including treatment plants, pumping stations, pipework and Deep Creek Dam. Significant investment is required to replace ageing infrastructure.
Village water and sewerage services	Risks to the environment and public health, community opinions, technical considerations and the availability of funding have been considered in the prioritisation of new village water supply and sewerage schemes.

Addressing these challenges requires significant investment in water supply and sewerage infrastructure and operation

This investment will be funded through water and sewerage charges to customers, developer contributions and loans. We are also relying on external government grants to fund some components and ensure that the services are affordable.

Our IWCM Strategy will be reviewed on a regular basis as new information about population growth, water demand, regulatory requirements and the availability of funding becomes available.

Major projects

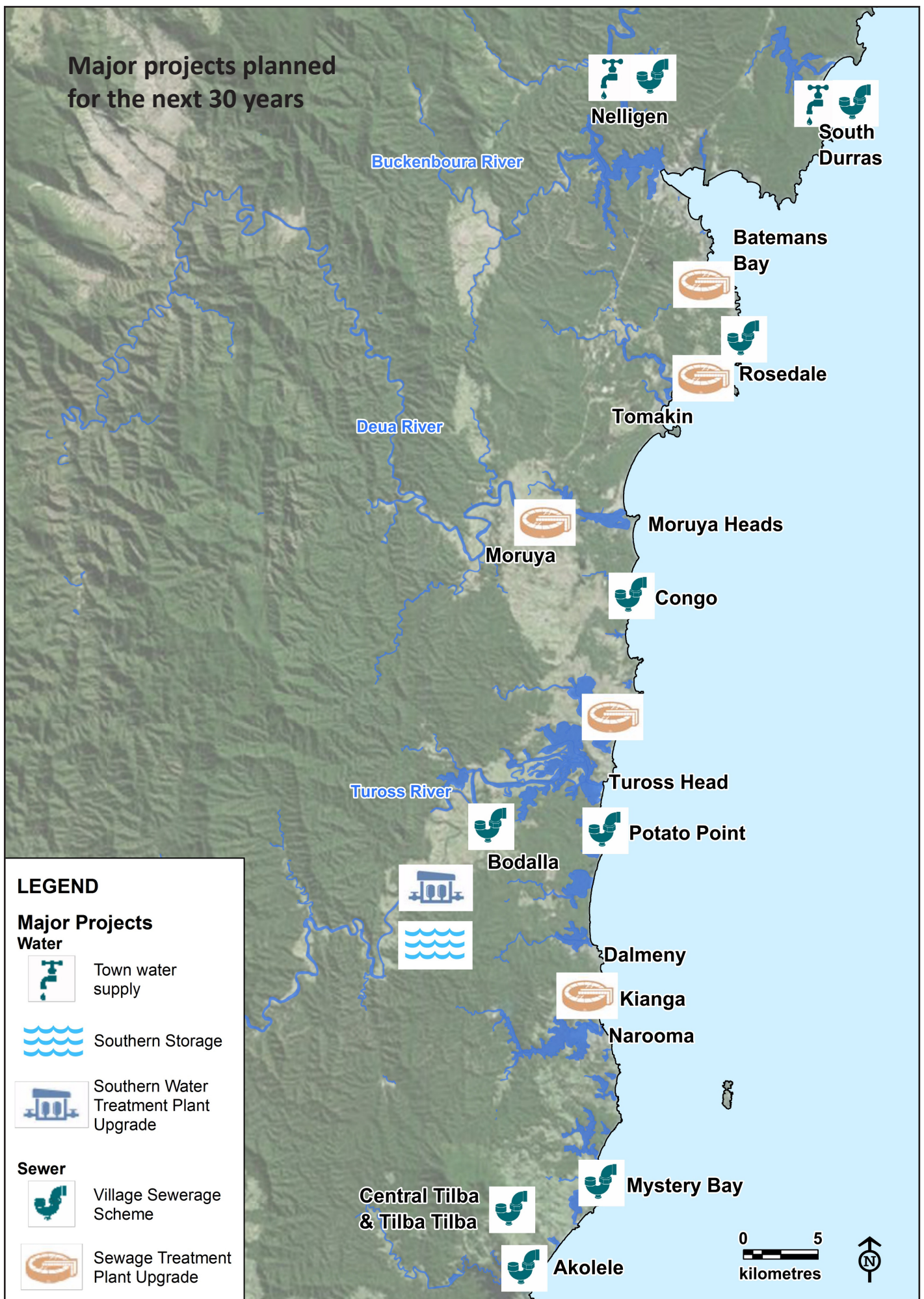


Major projects planned for the next ten years

Project	Timing *	Capital Cost
Water supply and sewerage asset renewals	Ongoing	\$8.0 million p.a.
Rosedale and Guerrilla Bay sewerage	2017	\$6.2 million
Bodalla sewerage	2018	\$8.5 million
Bingie sewage treatment plant upgrade	2018	\$1.2 million
Batemans Bay sewage treatment plant upgrade	2019	\$5.2 million
New southern dam	2021	\$63.5 million
Kianga sewage treatment plant upgrade	2021	\$5.3 million
Potato Point sewerage	2021	\$10.3 million
Tomakin sewage treatment plant upgrade	2021	\$20.8 million
Malua Bay diversion (Batemans Bay to Tomakin sewage treatment plant)	2022	\$8.0 million
Moruya sewage treatment plant upgrade	2022	\$1.3 million
Nelligen water supply and sewerage	2026	\$14.3 million

* Timing will depend on the availability of government funding for the new southern dam and new village schemes. Community consultation and environmental investigations will be undertaken to confirm the prioritisation of the village schemes to be constructed from 2026 onwards.

Major projects planned for the next 30 years



What happens now?

The short term capital works plan and associated operational budgets for water and sewer contained within the Integrated Water Cycle Management Strategy will be incorporated into our new 2017-2021 Delivery Program. The Integrated Water Cycle Management Strategy and Strategic Business Plan will be reviewed every 5 years following the release of new census data and population growth forecasts, with a revised strategy to be completed in 2021.

A full copy of the Strategy can be found on Council's website, www.esc.nsw.gov.au, and click on "Water and Sewer" under "Council Services".



How to contact us

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