

# WATER QUALITY



**Baseline water quality monitoring has been undertaken to determine the impact on water resources.**

Studies included an assessment of the expected water usage, including the quality, quantity and sources of water supplied to the site during construction and operation.

Key findings include:

- no adverse impact to the water resources (surface and ground waters) from construction and operation; and
- upstream stormwater retention and active water management throughout the site will improve water quality prior to discharge to Shute Bay.

Potential impacts on water quality from stormwater run-off during construction and operation will be managed by:

- water sensitive urban design
- sediment and erosion controls
- a storm water treatment 'train' to ensure urban pollutants are captured and treated prior to discharge to Shute Bay
- a water quality monitoring program

## **Water Conservation and Management**

Water conservation and management will be achieved by:

- implementing the Shute Harbour Marina Water Conservation and Management Strategies, including a Storm Water Management Strategy
- reducing the site's demand on the reticulated potable (drinking) water network and supply during construction and operation
- achieving at least a 3-star rating for water minimisation on site under the Federal Government's Water Efficiency Labelling and Standards (WELS) Scheme

