

# PROTECT OUR PRECIOUS WATERWAYS

## Obi Obi Creek

You are standing on the bank of the Obi Obi Creek, which arises from springs six kilometres south west of Maleny. Baroon Pocket was flooded to form the Dam, and has been a significant meeting place for the Jinibara People. The Obi is home to a variety of life, including Mary River cod, platypus, turtles, water dragons and aquatic invertebrates such as spiny crayfish, dragonfly larvae, worms, shrimps, tiny snails and many other creatures. Large numbers of water birds feed on the stream life.

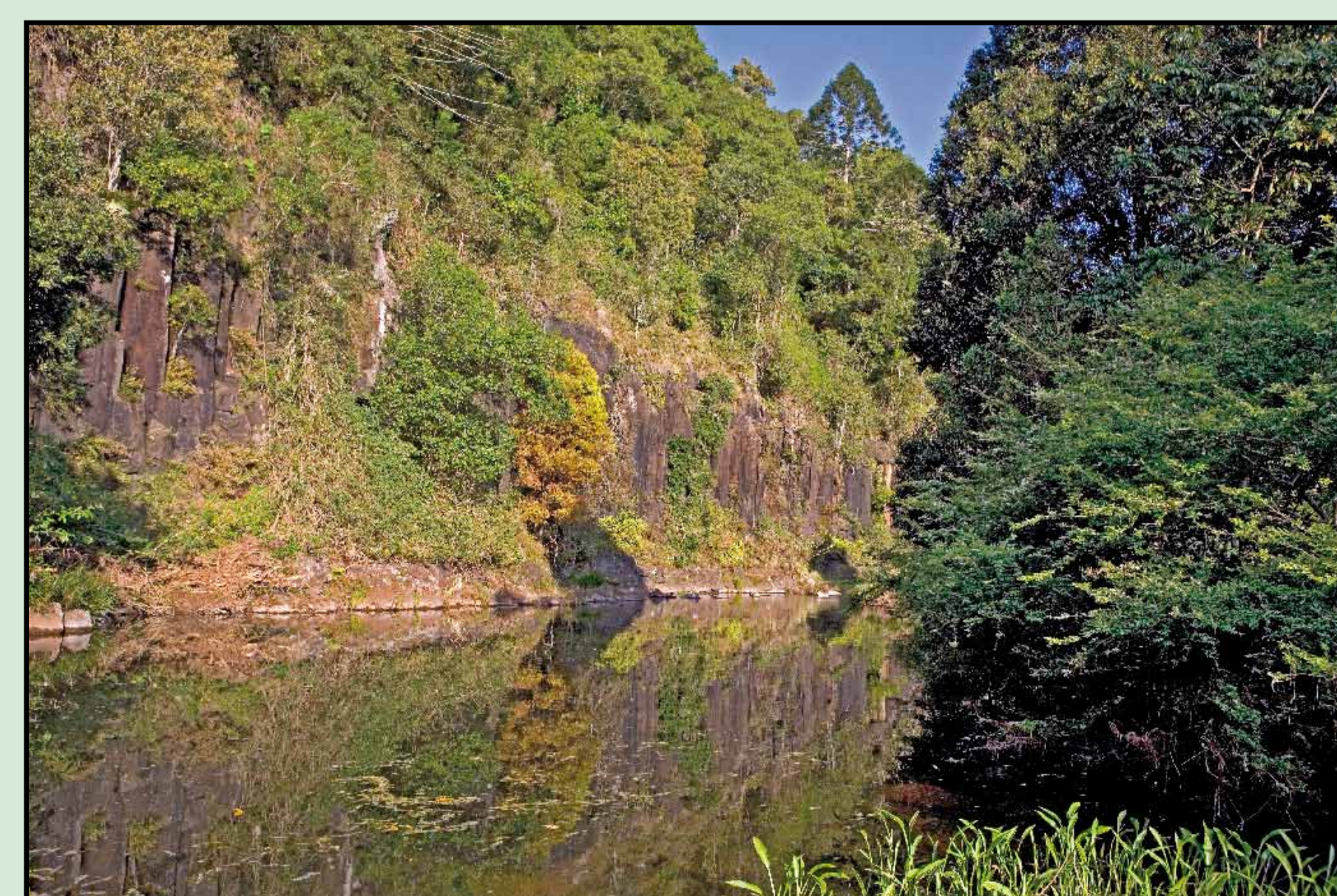


Some of these species can be seen from the viewing platform in Coral Street between the Library and the Maleny Boardwalk.

Photo Courtesy of Alicia Carter  
WIRES Northern Rivers



During its journey the Obi gathers sediments, nutrients and other pollutants. Sediments devastate aquatic habitat and smother aquatic organisms; and nutrients contribute to rapid aquatic plant growth and blue green algal blooms. Other pollutants such as pesticides, heavy metals, oils and litter have a detrimental effect on the creeks, plants and animals that inhabit them.



Photography and Design  
www.pennyriddoch.com.au

## Lake Baroon & Catchment

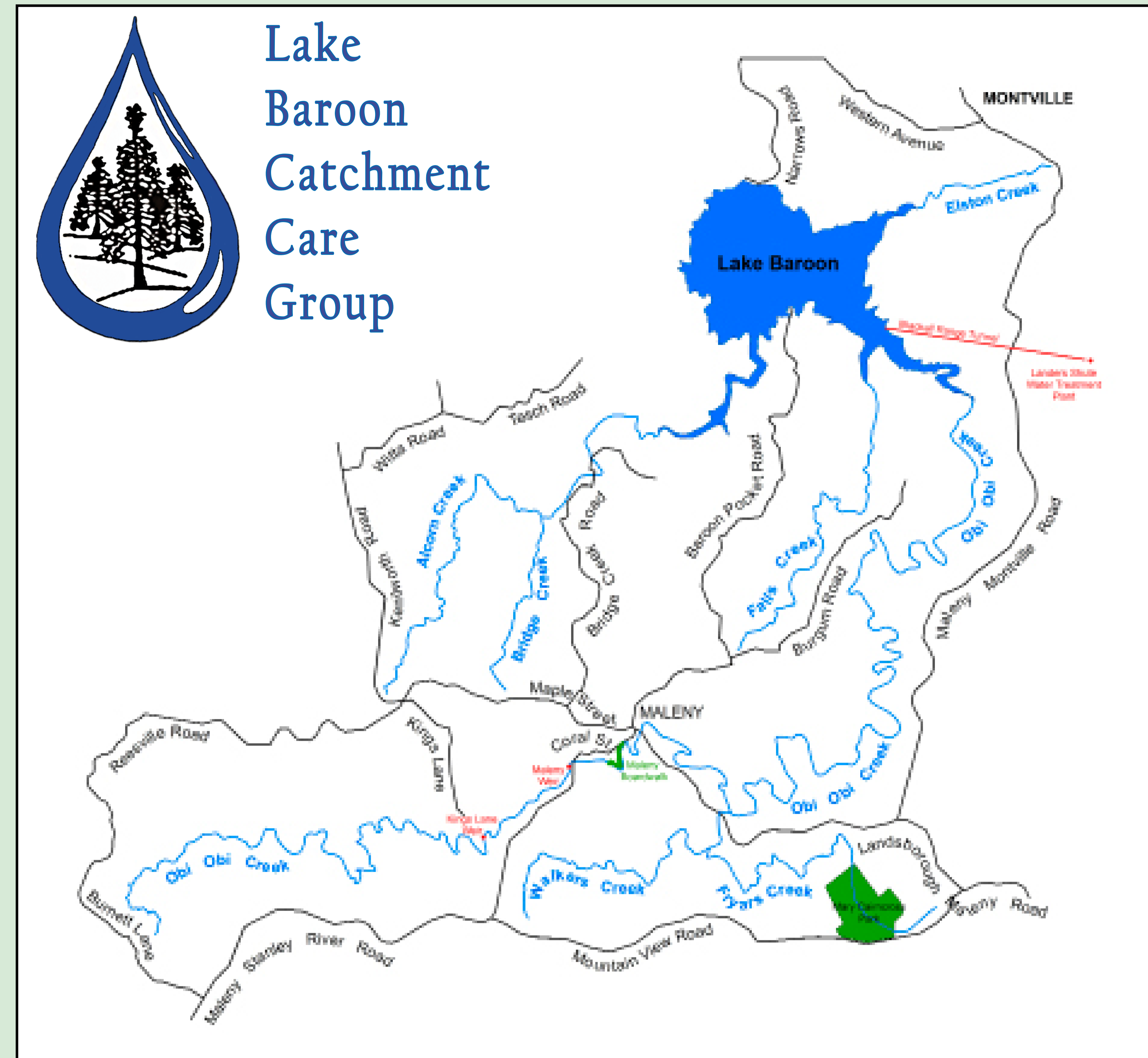


Five sub-catchments provide flows to Lake Baroon: the Obi Obi, Walkers, Falls, Elston and Bridge Creeks. The dam supplies most of Sunshine Coast's potable water, all of Maleny's and some water to greater south east Queensland via the Water Grid. Raw water flows by gravity from the dam to the Landers Shute water treatment plant through a 2.5 km long tunnel underneath the Blackall Range. Construction of the dam, tunnel and treatment plant commenced in 1985 and was completed in early 1989.



IT IS CRITICAL TO KEEP THE OBI OBI CLEAN AND FREE FROM LITTER, POLLUTANTS AND SEDIMENTS. Pollutants increase the cost of potable water for consumers, harm our precious wildlife and restrict recreational usage of Lake Baroon and its waterways.

Lake Baroon Catchment Care Group Inc.  
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The Lake Baroon Catchment Care Group was formed in 1991 to promote sustainable practices along all creeks feeding Lake Baroon.

### Statistics

#### Lake Baroon Catchment

|                           |                    |
|---------------------------|--------------------|
| Catchment area            | 74 km <sup>2</sup> |
| Annual rainfall           | 2000 mm            |
| Discharge from Obi to Dam | 35,000 ML/y        |

#### Lake Baroon

|                           |   |
|---------------------------|---|
| Dam capacity              | 61,000 ML   |
| Average depth             | 16 m  |
| Dam surface area          | 380 ha  |
| Height of dam wall        | 53 m  |
| Treatment facility        | Lander's Shute WTP                                  |
| Treatment plant capacity  | 140 ML/day  |
| Annual yield to customers | 21,000 ML   |
| Customers:                | Sunshine Coast Council<br>S.E.Q. via the Water Grid |

