



**BLIGH TANNER**  
CONSULTING ENGINEERS

## KEY PROJECTS

**This 46 residence development on Tamborine Mountain in South-East Queensland is a sustainable urban development established in a location with no reticulated water supply and no sewerage collection system.**



The fully automated water systems provide safe, filtered and disinfected drinking water to residents.



This ancient strangler fig, part of the original remnant vegetation, has been retained in the Capo Di Monte development.



The Aquatec Maxcon membrane bioreactor plant is the first used in a development of this type.

### CAPO DI MONTE



The main stormwater pond supplies water quality protection in a recreational setting.

#### WATER MANAGEMENT SOLUTIONS

How has this development achieved self-sufficiency and sustainability?

- Collects and treats rainwater for all household uses including drinking.
- Collects and recycles wastewater to deliver Class A+ water quality for toilet flushing and irrigation.
- Wastewater is managed to have no adverse impact on the environment.
- The stormwater is managed to have no adverse impact on local waterways.

#### SUSTAINABLE RESULTS

Capo Di Monte is a model for environmental sustainability for developments in sensitive and difficult to service areas:

- Capo Di Monte places no demands on the water resources of South-East Queensland.
- Capo Di Monte is a water self-sufficient community.

<b>CLIENT</b>	Dennis J Francis Pty Ltd
<b>PROJECT PARTNERS</b>	Bligh Tanner Pty Ltd, PMM, EECO, Aquatec Maxcon, Mountain Pumps
<b>BT'S ROLE</b>	Principal consultant