

**CLIENT:**

Castlemaine Perkins

**LOCATION:**

Milton, Brisbane, QLD

**SERVICE:**

Water Re-use

**CAPACITY:**

2ML/d

**ISSUES:**

Brown Field Site, Restricted Access & Difficult Terrain

**SOLUTIONS:**

Construction out of normal work hours. Fabricate major equipment off site as much as possible.

**BENEFITS:**

Valuable biogas produced for reuse of the plant. Potable water consumption reduced by recycling.

**PRODUCT:**

Recycle Water

**COMPLETION DATE:**

2010

**CONTACT:**

David Leinster

## Castlemaine Perkins Water Recycling Plant

The entire project was completed by the Aquatec Group of Companies;

- Design and commissioning was performed by Aquatec Maxcon Pty Ltd
- All tanks, DAF and DAFF were built by Maxcon Industries
- The installation was conducted by Aquatec Services.
- The SCADA system was completed by MPA Engineering

### Equipment

- Preacidification Tank
- DAF
- Balance Tank
- DAFF
- Mix Tank
- Sludge Dewatering
- Microfiltration
- Reverse Osmosis
- BIOPAQ® IC
- Circox®
- Aerobic Polishing

