

**Client:** Aquatec Maxcon is in the process of completing the design and construction of the Tumbarumba Water Treatment Plant at Tumbarumba.

Shire

Aquatec Maxcon is the Main Contractor on this project constructing the water treatment plant at the existing 68 ML reservoir site to treat the

**Location:** raw water from this reservoir for distribution to the township of Tumbarumba.

Tumbarumba,

NSW

Main elements of the project include:

- Service:**
- 3 ML/d in-filter DAFF Water Treatment Plant
  - 2 ML/d clear water reservoir
- Water treatment
- A raw water pump station at the existing balance tank
  - Two sludge lagoons to treat the waste from the new Water Treatment Plant
- Value:**

AUD

\$3.5 M The water treatment involves the following processes:

**Solutions:**

- Safe Drinking Water - based on Australian Standard Guidelines for township of Tumbarumba
- Alum dosing (coagulation)
  - Pre-soda ash (pH/alkalinity adjustment, if required)
  - Dissolved Air Flotation Filtration (DAFF)
  - Post-soda ash (pH/alkalinity adjustment)
  - Chlorination system
  - Fluoridation system
  - Filtered water 2 ML tank
  - 2 x sludge lagoons with stop board arrangement

ba Other related projects:

- Benefit  
s:**
- Mt Beauty WTP (2010), 2.7 ML/d design capacity
  - Coffs Harbour DAFF plant (2009) ,42 ML/d design capacity
- Drinking water
- Product:**
- Ararat DAFF WTP (2000), 200 L/s
  - Halls Gap DAFF WTP (2000), 45 L/s
  - Corowa DAFF WTP (2002), 200 L/s
  - Lockington DAFF WTP (2003), 12 L/s

DAFF

**Completion  
Date:**

August  
2011

**Contact  
:**

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