

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

Shire Council: 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:

- 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

Safe Drinking Water - based on Australian Standard Guidelines for township of Tumbarumba

ba Other related projects:

Benefit s:	<ul style="list-style-type: none">• Mt Beauty WTP (2010), 2.7 ML/d design capacity• Coffs Harbour DAFF plant (2009) ,42 ML/d design capacity
Drinking water	<ul style="list-style-type: none">• Ararat DAFF WTP (2000), 200 L/s• Halls Gap DAFF WTP (2000), 45 L/s
Produc t:	<ul style="list-style-type: none">• Corowa DAFF WTP (2002), 200 L/s• Lockington DAFF WTP (2003), 12 L/s

DAFF

**Comple
tion
Date:**

August
2011

**Contact
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Mark
Aitken -
Aquatec
Maxcon