

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:	• Mt Beauty WTP (2010), 2.7 ML/d design capacity • Coffs Harbour DAFF plant (2009) ,42 ML/d design capacity
Drinking water	• Ararat DAFF WTP (2000), 200 L/s • Halls Gap DAFF WTP (2000), 45 L/s
Produc t:	• 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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