

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

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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.

Tumbar

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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

Value: • Two sludge lagoons to treat the waste from the new Water Treatment Plant

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	• 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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