

## CLUNES WATER SUPPLY SYSTEM

### OVERVIEW

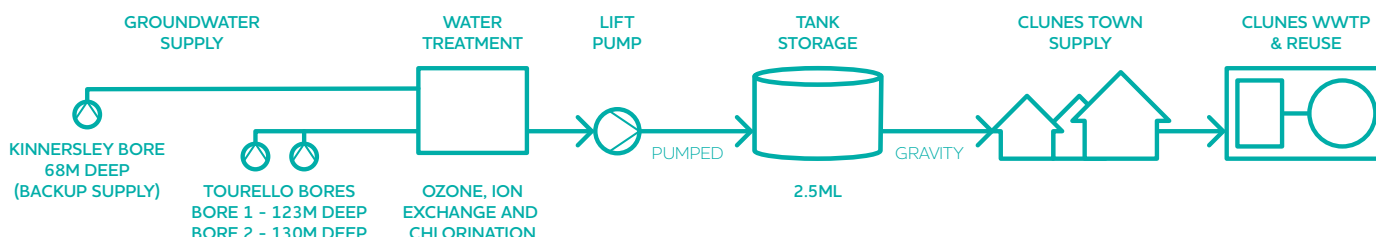
The Clunes water supply system is supplied from groundwater bores constructed on the Ballarat - Maryborough Road, around 6 km south of Clunes. These groundwater bores have been the sole source of supply for Clunes since 2005.

Wastewater from Clunes is collected and pumped to a local wastewater treatment plant, where it is treated for local irrigation.

### QUICK FACTS

<b>Location:</b>	Clunes
<b>Council/Shire:</b>	Hepburn Shire Council
<b>Annual Water Usage:</b>	176 ML
<b>Consumption Per Person Per Day:</b>	295 L per day
<b>Water Connections:</b>	962
<b>Future Growth:</b>	Estimated at 1.1% p.a. for residential

### CLUNES WATER CYCLE



### WATER QUALITY

The Clunes water supply meets all Australian Drinking Water Guideline criteria and is safe to drink. Treatment uses Ozone, Ion Exchange and Chlorination to reduce hardness of the source water and disinfect for supply.

Parameter	Clunes	ADWG*
<b>Health Based Parameters</b>		
Turbidity	0.2 NTU	< 1.0 NTU
<i>E. coli</i>	0 orgs/100mL	0 orgs/100mL
Trihalomethanes	0.16 mg/L	< 0.25 mg/L
<b>Aesthetic Parameters (not of concern for health)</b>		
Total Dissolved Solids	350 mg/L	< 600 mg/L
Hardness	75 mg/L	< 200 mg/L
Colour	2 PCU	< 15 PCU

\*Australian Drinking Water Guidelines, National Health and Medical Research Council.

### WATER QUALITY PLAN

Central Highlands Water (CHW) aims to provide water that is not only safe to drink, but looks and tastes great.

To achieve this, it aims to meet both health and aesthetic parameter guidelines of the *Australian Drinking Water Guidelines*.

Water quality feedback CHW has received for the Clunes water supply mostly relates to chlorine treatment for disinfection. CHW has recently modified the disinfection process to reduce the chlorine in the supply and is interested in understanding any further improvement opportunities.

### FURTHER INFORMATION

If you would like more information please visit [chw.net.au](http://chw.net.au) or phone **1800 061 514**.