

Weekly Testing Results Report

Location: Yass, Binalong and Bowning Water Supply System
Period: 16 March – 22 March 2019

The Australian Drinking Water Guidelines (ADWG) include two types of measures:

- a **health-related guideline value**, which is the concentration or measure of a water quality characteristic that, based on present knowledge, does not result in any significant risk to the health of the consumer over a lifetime of consumption; and
- an **aesthetic guideline value**, which is the concentration or measure of a water quality characteristic that is associated with acceptability of water to the consumer; for example, appearance, taste and odour.ⁱ

Yass Valley Council reports both Guideline measures in the interests of transparent governance.

Council conducts tests of its water supply in accordance with the Drinking Water Management System.

Free chlorine, total chlorine and *E. coli* are key operational indicators of the safety (health-related) of the water supply.

Note: Results are from NSW Health FASS (Forensic and Analytical Science Services) Laboratory and Yass Valley Council

Characteristic	Guideline Value	Units	Tested Value	Meeting guideline values
Health related test results				
Free Chlorine	0.20	mg/L	0.44	Yes
Total Chlorine	< 5.0	mg/L	0.74	Yes
<i>E. coli</i>	<1	CFU/100mL	<1	Yes
Manganese (total)	0.5	mg/L	0.20	Yes
Aesthetic related test results				
Aluminium, soluble	0.20	mg/L	<0.1	Yes
Iron (total)	0.30	mg/L	0.01	Yes
Manganese (total)	0.10	mg/L	0.20	No
pH	6.5 - 8.5		7.7	Yes
Colour	15	Hazen Units	49	No
Turbidity	5	NTU	2.27	Yes

ⁱ Australian Drinking Water Guidelines 6 2011, Version 3.5 Updated August 2018, National Water Quality Management Strategy National Health and Medical Research Council Reference code: EH52