

Drinking Water Quality Summary - October 2025

Shoalhaven Water provides safe and reliable drinking water to approximately 100,000 people in the Shoalhaven on a daily basis. The drinking water we supply is routinely tested throughout our water supply systems with analysis undertaken at independent NATA certified laboratories as per the 2011 Australian Drinking Water Guidelines (ADWG). This detailed water quality monitoring forms part of Shoalhaven Water's framework for the management of drinking water quality. Results are based on samples representative of water supplied to customers' taps. Results for microbiological and key physical/chemical parameters are summarised in the following:

Analyte	ADWG Guideline Health	ADWG Guideline Aesthetic	<	>	Units	Whole of Shoalhaven		Northern Shoalhaven Supply System (Bamarang)		Kangaroo Valley Supply System		Southern Shoalhaven Supply System		Flat Rock Supply System	
						Monthly Average	Monthly Compliance	Monthly Average	Monthly Compliance	Monthly Average	Monthly Compliance	Monthly Average	Monthly Compliance	Monthly Average	Monthly Compliance
<i>E. coli</i>	0	c		>0	MPN/100mL	0	100%	0	100%	0	100%	0	100%	0	100%
Aluminium	c	0.2		>0.2	mg/L	0.0567	100%	0.0500	100%	-	-	0.0500	100%	0.0700	100%
Arsenic	c	0.01		>0.01	mg/L	0.0008	100%	0.0010	100%	-	-	0.0005	100%	0.0010	100%
Cadmium	0.002	c		>0.002	mg/L	0.0001	100%	0.0001	100%	-	-	0.0001	100%	0.0001	100%
Calcium	10000	c		>10000	mg/L	20.567	100%	21.100	100%	-	-	20.400	100%	20.200	100%
Free Chlorine	5	0.2	<0.2	>5	mg/L	0.5704	94.1%	0.5507	96%	0.6000	100.0%	0.5950	83%	0.6533	100%
Copper	2	1		>2	mg/L	0.0093	100%	0.0250	100%	-	-	0.0010	100%	0.0020	100%
Fluoride	1.5	c		>1.5	mg/L	0.9600	100%	0.8300	100%	0.9600	100%	0.9800	100%	0.8100	100%
Hardness	c	200		>200	mg/L	62.667	100%	67.000	100%	-	-	56.000	100%	65.000	100%
Iron	c	0.3		>0.3	mg/L	0.0233	100%	0.0400	100%	-	-	0.0100	100%	0.0200	100%
Lead	0.01	c		>0.01	mg/L	0.0001	100%	0.0002	100%	-	-	0.0001	100%	0.0001	100%
Magnesium	10000	c		>10000	mg/L	2.7533	100%	3.4700	100%	-	-	1.1700	100%	3.6200	100%
Manganese	0.5	0.1		>0.5	mg/L	0.0054	100%	0.0092	100%	-	-	0.0025	100%	0.0044	100%
Mercury	0.001	c		>0.001	mg/L	0.0001	100%	0.0001	100%	-	-	0.0001	100%	0.0001	100%
Nickel	0.02	c		>0.02	mg/L	0.0008	100%	0.0010	100%	-	-	0.0005	100%	0.0010	100%
Nitrate (as NO ₃)	50	c		>50	mg/L	0.5000	100%	0.5000	100%	-	-	0.5000	100%	0.5000	100%
Nitrite (as NO ₂)	3	c		>3	mg/L	0.0500	100%	0.0500	100%	-	-	0.0500	100%	0.0500	100%
pH	c	6.5-8.5	<6.5	>8.5	pH units	7.6262	100%	7.6122	100%	7.6125	100%	7.6650	100%	7.6650	100%
Selenium	0.01	c		>0.01	mg/L	0.0010	100%	0.0010	100%	-	-	0.0010	100%	0.0010	100%
Silver	0.1	c		>0.1	mg/L	0.0003	100%	0.0003	100%	-	-	0.0003	100%	0.0003	100%
Sodium	c	180		>180	mg/L	10.667	100%	10.000	100%	-	-	12.000	100%	10.000	100%
Sulfate	500	250		>500	mg/L	14.333	100%	20.000	100%	-	-	4.0000	100%	19.000	100%
TDS ²	c	600		>600	mg/L	92.333	100%	96.000	100%	-	-	86.000	100%	95.000	100%
True Colour	c	15		>15	HU	0.8333	100%	0.5000	100%	-	-	1.0000	100%	1.0000	100%
Turbidity	c	5		>5	NTU	0.2606	100%	0.2322	100%	0.1600	100%	0.2567	100%	0.5533	100%
Uranium	0.020	c		>0.02	mg/L	0.0003	100%	0.0003	100%	-	-	0.0003	100%	0.0003	100%
Zinc	c	3		>3	mg/L	0.0100	100%	0.0100	100%	-	-	0.0100	100%	0.0100	100%

¹ Note that the Australian Drinking Water Guidelines (ADWG) specifies water quality standards that are considered safe for people to drink over an entire lifetime. Therefore compliance is based on a statistical measure of results rather than absolute figures.

² TDS = Total Dissolved Solids

³ Corrective action taken for *E. coli* exception and the repeat test result was compliant (all clear). Contact Shoalhaven Water for further information.

- Denotes that this analyte was not tested this month due to either the treatment plant being offline or the required frequency resulted in no sample required for this month.

c Health or Aesthetic limits have not been set by the ADWG.

+ Inadvertent omission