

Drinking Water Quality Summary - November 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	0.0500	100%	0.0400	100%	-	-	0.0600	100%	0.0500	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	22.37	100%	21.700	100%	-	-	20.200	100%	25.200	100%
Free Chlorine	5	0.2	<0.2	>5	mg/L	0.5141	96%	0.4598	94%	0.3725	100.0%	0.6725	100%	0.6957	100%
Copper	2	1		>2	mg/L	0.0117	100%	0.0030	100%	-	-	0.0010	100%	0.0310	100%
Fluoride	1.5	c		>1.5	mg/L	0.9200	100%	0.8800	100%	0.9200	100%	0.9400	100%	0.9200	100%
Hardness	c	200		>200	mg/L	69.67	100%	73.000	100%	-	-	54.000	100%	82.000	100%
Iron	c	0.3		>0.3	mg/L	0.0233	100%	0.0200	100%	-	-	0.0100	100%	0.0400	100%
Lead	0.01	c		>0.01	mg/L	0.0004	100%	0.0004	100%	-	-	0.0001	100%	0.0007	100%
Magnesium	10000	c		>10000	mg/L	3.2767	100%	4.5300	100%	-	-	0.7800	100%	4.5200	100%
Manganese	0.5	0.1		>0.5	mg/L	0.0067	100%	0.0055	100%	-	-	0.0033	100%	0.0113	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	7.5345	100%	7.5504	100%	7.5175	100%	7.4183	100%	7.6343	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	11.000	100%	11.000	100%	-	-	11.000	100%	11.000	100%
Sulfate	500	250		>500	mg/L	15.00	100%	22.000	100%	-	-	1.0000	100%	22.00	100%
TDS ²	c	600		>600	mg/L	94.3	100%	100.00	100%	-	-	77.00	100%	106.00	100%
True Colour	c	15		>15	HU	0.6667	100%	0.5000	100%	-	-	0.5000	100%	1.0000	100%
Turbidity	c	5		>5	NTU	0.2801	100%	0.2671	100%	0.0950	100%	0.2225	100%	0.5743	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	0.0133	100%	0.0100	100%	-	-	0.0100	100%	0.0200	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

Australian Drinking Water Guidelines 2011:

<http://www.nhmrc.gov.au/guidelines/publications/eh52>