

Drinking Water Quality Summary - September 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	0.0533	100%	0.0600	100%	-	-	0.0400	100%	0.0600	100%
Arsenic	c	0.01		>0.01	mg/L	0.0005	100%	0.0005	100%	-	-	0.0005	100%	0.0005	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	19.700	100%	19.100	100%	-	-	20.100	100%	19.900	100%
Free Chlorine	5	0.2	<0.2	>5	mg/L	0.5500	98.8%	0.5161	98%	0.4740	100.0%	0.6641	100%	0.6029	100%
Copper	2	1		>2	mg/L	0.0116	100%	0.0071	100%	-	-	0.0097	100%	0.0255	100%
Fluoride	1.5	c		>1.5	mg/L	0.9300	100%	0.8300	100%	0.9300	100%	0.9000	100%	0.8900	100%
Hardness	c	200		>200	mg/L	62.000	100%	61.000	100%	-	-	62.000	100%	63.000	100%
Iron	c	0.3		>0.3	mg/L	0.0255	100%	0.0240	100%	-	-	0.0200	100%	0.0375	100%
Lead	0.005	c		>0.005	mg/L	0.0004	100%	0.0005	100%	-	-	0.0001	100%	0.0007	100%
Magnesium	10000	c		>10000	mg/L	3.1100	100%	3.2600	100%	-	-	2.8200	100%	3.2500	100%
Manganese	0.1	0.5		>0.1	mg/L	0.0057	100%	0.0033	100%	-	-	0.0021	100%	0.0170	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	0.1910	100%	0.1500	100%	-	-	0.2067	100%	0.2700	100%
Nitrite (as NO ₂)	3	c		>3	mg/L	0.0185	100%	0.0140	100%	-	-	0.0200	100%	0.0275	100%
pH	c	6.5-8.5	<6.5	>8.5	pH units	7.7429	100%	7.7626	100%	7.8020	100%	7.7082	100%	7.6243	100%
Selenium	0.004	c		>0.004	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	9.6667	100%	9.0000	100%	-	-	11.000	100%	9.0000	100%
Sulfate	500	250		>500	mg/L	17.667	100%	18.000	100%	-	-	16.000	100%	19.000	100%
TDS ²	c	600		>600	mg/L	104.00	100%	106.20	100%	-	-	102.67	100%	100.50	100%
True Colour	c	15		>15	HU	0.8333	100%	0.5000	100%	-	-	1.0000	100%	1.0000	100%
Turbidity	c	5		>5	NTU	0.3041	100%	0.2956	100%	0.4260	100%	0.2582	100%	0.3971	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