

Drinking Water Quality Summary - June 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	0.0433	100%	0.0500	100%	-	-	0.0300	100%	0.0500	100%
Arsenic	c	0.01		>0.01	mg/L	0.0008	100%	0.0010	100%	-	-	0.0010	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	19.733	100%	19.600	100%	-	-	19.900	100%	19.700	100%
Free Chlorine	5	0.2	<0.2	>5	mg/L	0.7158	91.3%	0.6804	88%	0.3833	100%	0.8762	100%	0.8380	100%
Copper	2	1		>2	mg/L	0.0139	100%	0.0070	100%	-	-	0.0023	100%	0.0580	100%
Fluoride	1.5	c		>1.5	mg/L	0.8800	100%	0.9100	100%	0.8800	100%	0.9200	100%	0.8600	100%
Hardness	c	200		>200	mg/L	65.733	100%	65.300	100%	-	-	66.200	100%	65.700	100%
Iron	c	0.3		>0.3	mg/L	0.0225	100%	0.0233	100%	-	-	0.0225	100%	0.0200	100%
Lead	0.005	c		>0.005	mg/L	0.0002	100%	0.0001	100%	-	-	0.0001	100%	0.0005	100%
Magnesium	10000	c		>10000	mg/L	3.9967	100%	3.9700	100%	-	-	4.0100	100%	4.0100	100%
Manganese	0.5	0.1		>0.5	mg/L	0.0050	100%	0.0059	100%	-	-	0.0044	100%	0.0035	100%
Mercury	0.001	c		>0.001	mg/L	0.0004	100%	0.0004	100%	-	-	0.0004	100%	0.0004	100%
Nickel	0.02	c		>0.02	mg/L	0.0003	100%	0.0004	100%	-	-	0.0002	100%	0.0004	100%
Nitrate (as NO ₃)	50	c		>50	mg/L	0.2750	100%	0.1933	100%	-	-	0.2850	100%	0.5000	100%
Nitrite (as NO ₂)	3	c		>3	mg/L	0.0268	100%	0.0200	100%	-	-	0.0253	100%	0.0500	100%
pH	c	6.5-8.5	<6.5	>8.5	pH units	7.6678	100%	7.6819	100%	7.7800	100%	7.5815	100%	7.6900	100%
Selenium	0.004	c		>0.004	mg/L	0.0035	100%	0.0035	100%	-	-	0.0035	100%	0.0035	100%
Silver	0.1	c		>0.1	mg/L	0.0001	100%	0.0001	100%	-	-	0.0001	100%	0.0001	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	18.667	100%	19.000	100%	-	-	18.000	100%	19.000	100%
TDS ²	c	600		>600	mg/L	117.33	100%	124.67	100%	-	-	116.00	100%	98.000	100%
True Colour	c	15		>15	HU	0.5000	100%	0.5000	100%	-	-	0.5000	100%	0.5000	100%
Turbidity	c	5		>5	NTU	0.2778	100%	0.2931	100%	0.1200	100%	0.2146	100%	0.3900	100%
Uranium	0.020	c		>0.02	mg/L	0.0001	100%	0.0001	100%	-	-	0.0001	100%	0.0001	100%
Zinc	c	3		>3	mg/L	0.0083	100%	0.0100	100%	-	-	0.0050	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

Australian Drinking Water Guidelines 2011:

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