

Drinking Water Quality Summary - August 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	0.0400	100%	0.0600	100%	0.0100	100%	0.0500	100%	0.0400	100%
Arsenic	c	0.01		>0.01	mg/L	0.0006	100%	0.0005	100%	0.0005	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%	0.0001	100%
Calcium	10000	c		>10000	mg/L	16.125	100%	19.800	100%	3.0000	100%	20.400	100%	21.300	100%
Free Chlorine	5	0.2	<0.2	>5	mg/L	0.5217	99%	0.4887	98%	0.5425	100%	0.5933	100%	0.6329	100%
Copper	2	1		>2	mg/L	0.0295	100%	0.0020	100%	0.0880	100%	0.0020	100%	0.0260	100%
Fluoride	1.5	c		>1.5	mg/L	0.9300	100%	0.8700	100%	0.9300	100%	0.9400	100%	0.8200	100%
Hardness	c	200		>200	mg/L	52.950	100%	63.700	100%	16.100	100%	64.300	100%	67.700	100%
Iron	c	0.3		>0.3	mg/L	0.0138	100%	0.0200	100%	0.0050	100%	0.0100	100%	0.0200	100%
Lead	0.01	c		>0.01	mg/L	0.0003	100%	0.0002	100%	0.0004	100%	0.0001	100%	0.0004	100%
Magnesium	10000	c		>10000	mg/L	3.0750	100%	3.4600	100%	2.0800	100%	3.2400	100%	3.5200	100%
Manganese	0.5	0.1		>0.5	mg/L	0.0030	100%	0.0031	100%	0.0029	100%	0.0023	100%	0.0037	100%
Mercury	0.001	c		>0.001	mg/L	0.0004	100%	0.0004	100%	0.0004	100%	0.0004	100%	0.0004	100%
Nickel	0.02	c		>0.02	mg/L	0.0006	100%	0.0005	100%	0.0002	100%	0.0004	100%	0.0013	100%
Nitrate (as NO ₃)	50	c		>50	mg/L	0.8750	100%	0.5000	100%	2.0000	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%	0.0500	100%
pH	c	6.5-8.5	<6.5	>8.5	pH units	7.7503	100%	7.7577	100%	7.7175	100%	7.7617	100%	7.6943	100%
Selenium	0.01	c		>0.01	mg/L	0.0035	100%	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%	0.0001	100%
Sodium	c	180		>180	mg/L	10.000	100%	10.000	100%	10.000	100%	10.000	100%	10.000	100%
Sulfate	500	250		>500	mg/L	14.250	100%	18.000	100%	3.0000	100%	18.000	100%	18.000	100%
TDS ²	c	600		>600	mg/L	79.250	100%	91.000	100%	42.000	100%	93.000	100%	91.000	100%
True Colour	c	15		>15	HU	1.0000	100%	0.5000	100%	2.0000	100%	0.5000	100%	1.0000	100%
Turbidity	c	5		>5	NTU	0.2879	100%	0.2848	100%	0.2975	100%	0.3367	100%	0.2214	100%
Uranium	0.020	c		>0.02	mg/L	0.0001	100%	0.0001	100%	0.0001	100%	0.0001	100%	0.0001	100%
Zinc	c	3		>3	mg/L	0.0050	100%	0.0050	100%	0.0050	100%	0.0050	100%	0.0050	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