

Drinking Water Quality Summary - July 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	0.0667	100%	0.0800	100%	-	-	0.0700	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	19.600	100%	19.700	100%	-	-	19.400	100%	19.700	100%
Free Chlorine	5	0.2	<0.2	>5	mg/L	0.6190	99%	0.5783	98%	0.5900	100.0%	0.7300	100%	0.6744	100%
Copper	2	1		>2	mg/L	0.0050	100%	0.0015	100%	-	-	0.0020	100%	0.0220	100%
Fluoride	1.5	c		>1.5	mg/L	0.9400	100%	0.9175	100%	0.9400	100%	0.9000	100%	0.8400	100%
Hardness	c	200		>200	mg/L	63.467	100%	64.200	100%	-	-	62.400	100%	63.800	100%
Iron	c	0.3		>0.3	mg/L	0.0258	100%	0.0263	100%	-	-	0.0300	100%	0.0200	100%
Lead	0.01	c		>0.01	mg/L	0.0002	100%	0.0003	100%	-	-	0.0001	100%	0.0003	100%
Magnesium	10000	c		>10000	mg/L	3.5300	100%	3.6500	100%	-	-	3.3900	100%	3.5500	100%
Manganese	0.5	0.1		>0.5	mg/L	0.0036	100%	0.0038	100%	-	-	0.0031	100%	0.0033	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	0.0004	100%	0.0006	100%	-	-	0.0002	100%	0.0004	100%
Nitrate (as NO ₃)	50	c		>50	mg/L	0.5817	100%	0.4975	100%	-	-	0.5000	100%	1.0000	100%
Nitrite (as NO ₂)	3	c		>3	mg/L	0.0275	100%	0.0163	100%	-	-	0.0500	100%	0.0500	100%
pH	c	6.5-8.5	<6.5	>8.5	pH units	7.8504	100%	7.8302	100%	8.0900	100%	7.8369	100%	7.8867	100%
Selenium	0.01	c		>0.01	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	10.000	100%	10.000	100%	-	-	10.000	100%	10.000	100%
Sulfate	500	250		>500	mg/L	18.667	100%	18.000	100%	-	-	20.000	100%	18.000	100%
TDS ²	c	600		>600	mg/L	94.833	100%	94.750	100%	-	-	101.00	100%	89.000	100%
True Colour	c	15		>15	HU	0.8333	100%	0.5000	100%	-	-	1.0000	100%	1.0000	100%
Turbidity	c	5		>5	NTU	0.3702	100%	0.3475	100%	0.4450	100%	0.3575	100%	0.4933	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