

Drinking Water Quality Summary - May 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%	0.0600	100%	-	-	0.0300	100%	0.0600	-
Arsenic	c	0.01		>0.01	mg/L	0.0010	100%	0.0010	100%	-	-	0.0010	100%	0.0010	-
Cadmium	0.002	c		>0.002	mg/L	0.0001	100%	0.0001	100%	-	-	0.0001	100%	0.0001	-
Calcium	10000	c		>10000	mg/L	22.833	100%	24.700	100%	-	-	21.900	100%	21.900	-
Free Chlorine	5	0.2	<0.2	>5	mg/L	0.6319	97.2%	0.5807	97%	0.7600	95.2%	0.7954	97%	0.6063	100%
Copper	2	1		>2	mg/L	0.0076	100%	0.0060	100%	0.0170	-	0.0130	100%	0.0043	-
Fluoride	1.5	c		>1.5	mg/L	0.9600	100%	0.9900	100%	0.9600	100%	0.9667	100%	0.9850	-
Hardness	c	200		>200	mg/L	74.767	100%	79.700	100%	-	-	72.200	100%	72.400	-
Iron	c	0.3		>0.3	mg/L	0.0263	100%	0.0288	100%	0.0250	-	0.0233	100%	0.0238	-
Lead	0.01	c		>0.01	mg/L	0.0005	100%	0.0012	100%	-	-	0.0001	100%	0.0001	-
Magnesium	10000	c		>10000	mg/L	4.3100	100%	4.3700	100%	-	-	4.2500	100%	4.3100	-
Manganese	0.5	0.1		>0.5	mg/L	0.0122	100%	0.0104	100%	0.0110	-	0.0195	100%	0.0109	-
Mercury	0.001	c		>0.001	mg/L	0.0004	100%	0.0004	100%	-	-	0.0004	100%	0.0004	-
Nickel	0.02	c		>0.02	mg/L	0.0004	100%	0.0004	100%	-	-	0.0002	100%	0.0005	-
Nitrate (as NO ₃)	50	c		>50	mg/L	0.1684	100%	0.1444	100%	0.3400	-	0.1933	100%	0.1550	-
Nitrite (as NO ₂)	3	c		>3	mg/L	0.0134	100%	0.0106	100%	0.0050	-	0.0200	100%	0.0163	-
pH	c	6.5-8.5	<6.5	>8.5	pH units	7.7296	100%	7.7322	100%	7.6533	100%	7.7508	100%	7.7088	100%
Selenium	0.01	c		>0.01	mg/L	0.0035	100%	0.0035	100%	-	-	0.0035	100%	0.0035	-
Silver	0.1	c		>0.1	mg/L	0.0001	100%	0.0001	100%	-	-	0.0001	100%	0.0001	-
Sodium	c	180		>180	mg/L	12.333	100%	12.000	100%	-	-	13.0000	100%	12.000	-
Sulfate	500	250		>500	mg/L	19.000	100%	20.000	100%	-	-	18.0000	100%	19.000	-
TDS ²	c	600		>600	mg/L	107.38	100%	112.63	100%	55.000	-	104.000	100%	112.50	-
True Colour	c	15		>15	HU	0.8333	100%	1.0000	100%	-	-	1.0000	100%	0.5000	-
Turbidity	c	5		>5	NTU	0.4499	100%	0.4304	100%	0.3833	100%	0.4777	100%	0.5388	100%
Uranium	0.020	c		>0.02	mg/L	0.0001	100%	0.0001	100%	-	-	0.0001	100%	0.0001	-
Zinc	c	3		>3	mg/L	0.0083	100%	0.0100	100%	-	-	0.0050	100%	0.0100	-

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