



Drinking Water Quality Result Summary - 1 July 2023 to 30 June 2024

Reported data is derived from Kempsey Shire Council's verification monitoring program sponsored by NSW Health which provides ongoing independent verification of the treatment process and reproduced from the NSW Government Drinking Water Database.

Kempsey and Lower Macleay Water Supply								
Water Quality Parameter		Unit	ADWG* Aesthetic (A) Health (H)	Mean	Min	Max	% Compliant	No. of samples
Physical	pH		6.5 – 8.5 (A)	7.38	6.66	8.96	98.3	176
	Total Hardness (as CaCO ₃)	mg/L	200 (A)	67.92	39.8	99.8	100	12
	Turbidity	NTU	5 (H)	0.66	0.01	3.17	100	176
Chemical	Flouride [^]	mg/L	1.5 (H)	0.08	0.05	0.11	100	12
Microbial	<i>E.coli</i>	mpn/100mL	0 in 100mL (H)	0	0	0	100	176

* Australian Drinking Water Guidelines 2011

[^] Results are from naturally occurring Flouride

South West Rocks Water Supply								
Water Quality Parameter		Unit	ADWG* Aesthetic (A) Health (H)	Mean	Min	Max	% Compliant	No. of samples
Physical	pH		6.5 – 8.5 (A)	7.45	7.10	7.92	100	68
	Total Hardness (as CaCO ₃)	mg/L	200 (A)	48.6	41.5	70.6	100	11
	Turbidity	NTU	5 (H)	0.21	0	0.68	100	68
Chemical	Flouride [^]	mg/L	1.5 (H)	0.99	0.94	1.09	100	11
Microbial	<i>E.coli</i>	mpn/100mL	0 in 100mL (H)	0	0	0	100	68

* Australian Drinking Water Guidelines 2011

[^] Flouride dosing in water supply. Testing performed by Council and reported to NSW Health

Crescnet Head Water Supply

Water Quality Parameter		Unit	ADWG* Aesthetic (A) Health (H)	Mean	Min	Max	% Compliant	No. of samples
Physical	pH		6.5 – 8.5 (A)	7.25	6.78	7.93	100	67
	Total Hardness (as CaCO ₃)	mg/L	200 (A)	33.3	31.4	35.2	100	2
	Turbidity	NTU	5 (H)	1.74	0.41	3.55	100	67
Chemical	Flouride [^]	mg/L	1.5 (H)	0.05	0.05	0.05	100	2
Microbial	<i>E.coli</i>	mpn/100mL	0 in 100mL (H)	0	0	0	100	67

* Australian Drinking Water Guidelines 2011

[^] Results are from naturally occurring Flouride

Hat Head Water Supply

Water Quality Parameter		Unit	ADWG* Aesthetic (A) Health (H)	Mean	Min	Max	% Compliant	No. of samples
Physical	pH		6.5 – 8.5 (A)	7.45	7.05	8.42	96.3	26
	Total Hardness (as CaCO ₃)	mg/L	200 (A)	20.9	20.4	21.5	100	2
	Turbidity	NTU	5 (H)	0.50	0.17	1.16	100	26
Chemical	Flouride [^]	mg/L	1.5 (H)	0.05	0.05	0.05	100	2
Microbial	<i>E.coli</i>	mpn/100mL	0 in 100mL (H)	0	0	0	100	26

* Australian Drinking Water Guidelines 2011

[^] Results are from naturally occurring Flouride

Stuarts Point Water Supply

Water Quality Parameter		Unit	ADWG* Aesthetic (A) Health (H)	Mean	Min	Max	% Compliant	No. of samples
Physical	pH		6.5 – 8.5 (A)	7.31	7.11	7.47	100	52
	Total Hardness (as CaCO ₃)	mg/L	200 (A)	151.6	141.2	160.9	100	13
	Turbidity	NTU	5 (H)	0.28	0.01	0.82	100	52
Chemical	Flouride [^]	mg/L	1.5 (H)	0.05	0.05	0.05	100	13
Microbial	<i>E.coli</i>	mpn/100mL	0 in 100mL (H)	0	0	0	100	52

* Australian Drinking Water Guidelines 2011

[^] Results are from naturally occurring Flouride

Willawarrin Water Supply

Water Quality Parameter		Unit	ADWG* Aesthetic (A) Health (H)	Mean	Min	Max	% Compliant	No. of samples
Physical	pH		6.5 – 8.5 (A)	7.35	7.01	7.59	100	25
	Total Hardness (as CaCO ₃)	mg/L	200 (A)	113.36	100	131	100	11
	Turbidity	NTU	5 (H)	0.37	0.09	1.12	100	25
Chemical	Flouride [^]	mg/L	1.5 (H)	0.08	0.05	0.13	100	11
Microbial	<i>E.coli</i>	mpn/100mL	0 in 100mL (H)	0	0	0	100	25

* Australian Drinking Water Guidelines 2011

[^] Results are from naturally occurring Flouride

Bellbrook Water Supply

Water Quality Parameter		Unit	ADWG* Aesthetic (A) Health (H)	Mean	Min	Max	% Compliant	No. of samples
Physical	pH		6.5 – 8.5 (A)	7.49	7.28	7.72	100	26
	Total Hardness (as CaCO ₃)	mg/L	200 (A)	62.4	47.2	84.7	100	12
	Turbidity	NTU	5 (H)	0.16	0.06	0.77	100	26
Chemical	Flouride [^]	mg/L	1.5 (H)	0.05	0.05	0.05	100	12
Microbial	<i>E.coli</i>	mpn/100mL	0 in 100mL (H)	0	0	0	100	26

* Australian Drinking Water Guidelines 2011

[^] Results are from naturally occurring Flouride

Thunggutti Aboriginal Community Water Supply

Water Quality Parameter		Unit	ADWG* Aesthetic (A) Health (H)	Mean	Min	Max	% Compliant	No. of samples
Physical	pH		6.5 – 8.5 (A)	7.38	7.13	7.68	100	23
	Total Hardness (as CaCO ₃)	mg/L	200 (A)	44.3	43.6	44.9	100	2
	Turbidity	NTU	5 (H)	0.15	0.0	0.63	100	23
Chemical	Flouride [^]	mg/L	1.5 (H)	0.05	0.05	0.05	100	2
Microbial	<i>E.coli</i>	mpn/100mL	0 in 100mL (H)	0	0	0	100	23

* Australian Drinking Water Guidelines 2011

[^] Results are from naturally occurring Flouride

Units of Measurement

pH = Hydrogen Ion concentration of a solution

mg/L = Milligrams per Litre

NTU = Nephelometric Turbidity Units

mpn/100mL = Most Probable Number per 100 millilitres