

	Minimum	Maximum	Average	Units	ADWG Health Guidelines	ADWG Aesthetic Guidelines	Compliance (%)	
							Health	Aesthetic
<b>System: Koonibba</b>								
Chlorine - Total	0.4	1.4	0.9	mg/L		0 - 0.6		40.00
				mg/L	0 - 5		100.00	
E.coli	0	0	0	cfu/100mL	0 - 0		100.00	

Australian Drinking Water Guidelines - 2011

Although we aim for 100% compliance, the ADWG Recognises that occasional exceedances may occur. Where there are sufficient sample results from a 12 month period, the 95th percentile statistic should be used to determine performance against the guideline value. Any exceedance requires immediate investigation and corrective action as agreed with SA Health.

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	Minimum	Maximum	Average	Units	ADWG Health Guidelines	ADWG Aesthetic Guidelines	Compliance (%)	
							Health	Aesthetic
<b>System: Eyre South/Morgan WTP</b>								
Alkalinity as Calcium Carbonate	118	178	152	mg/L				
Bicarbonate	144	217	185	mg/L				
Calcium	44.0	63.6	53.0	mg/L				
Carbonate	0	0	0	mg/L				
Chloride	111	143	128	mg/L		0 - 250		100.00
Chlorine - Total	<0.1	2.7	1.4	mg/L		0 - 0.6		2.51
				mg/L	0 - 5		100.00	
Colour - True (456nm)	<1	<1	<1	HU		0 - 15		100.00
E.coli	0	0	0	cfu/100mL	0 - 0		100.00	
Fluoride	0.56	0.75	0.66	mg/L	0 - 1.5		100.00	
Iron - Total	0.0011	0.0078	0.0035	mg/L		0 - 0.3		100.00
Magnesium	10.7	16.0	13.4	mg/L				
Manganese - Total	<0.0001	0.0016	0.0005	mg/L		0 - 0.1		100.00
				mg/L	0 - 0.5		100.00	
pH	7.2	8.2	7.8	pH units		6.5 - 8.5		100.00
Potassium	2.17	4.36	3.12	mg/L				
Sodium	62.2	89.0	74.8	mg/L		0 - 180		100.00
Sulphate	24.0	40.5	31.0	mg/L		0 - 250		100.00
Total Dissolved Solids (by EC)	360	490	445	mg/L		0 - 600		100.00
Total Hardness as CaCO3	155	218	187	mg/L		0 - 200		62.50
Trihalomethanes - Total	29	350	153	µg/L	0 - 250		94.38	
Turbidity	<0.1	1.4	<0.1	NTU		0 - 5		100.00
Zinc - Total	<0.0003	0.0102	0.0043	mg/L		0 - 3		100.00

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