

	Minimum	Maximum	Average	Units	ADWG Health Guidelines	ADWG Aesthetic Guidelines	Compliance (%)	
							Health	Aesthetic
System: Pt Pearce								
Alkalinity as Calcium Carbonate	34	56	45	mg/L				
Bicarbonate	28	52	40	mg/L				
Calcium	11.4	17.2	14.3	mg/L				
Carbonate	7	8	8	mg/L				
Chlorine - Total	<0.1	2.9	1.2	mg/L		0 - 0.6		37.50
				mg/L	0 - 5		100.00	
E.coli	0	0	0	cfu/100mL	0 - 0			100.00
pH	8.4	9.4	9.0	pH units		6.5 - 8.5		4.55
Total Dissolved Solids (by EC)	170	250	210	mg/L		0 - 600		100.00
Turbidity	<0.1	0.22	0.13	NTU		0 - 5		100.00

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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
System: Morgan / Swan Reach WTP								
Alkalinity as Calcium Carbonate	32	78	53	mg/L				
Bicarbonate	27	81	52	mg/L				
Calcium	9.3	20.7	15.3	mg/L				
Carbonate	<1	12	6	mg/L				
Chloride	39	97	70	mg/L		0 - 250		100.00
Chlorine - Total	<0.1	3.9	2.7	mg/L		0 - 0.6		1.63
				mg/L	0 - 5		100.00	
Colour - True (456nm)	<1	4	1	HU		0 - 15		100.00
E.coli	0	0	0	cfu/100mL	0 - 0		100.00	
Fluoride	0.79	1.1	0.9	mg/L	0 - 1.5		100.00	
Iron - Total	0.0006	0.6102	0.0279	mg/L		0 - 0.3		96.88
Magnesium	3.78	10.6	6.63	mg/L				
Manganese - Total	0.0010	0.0098	0.0031	mg/L		0 - 0.1		100.00
				mg/L	0 - 0.5		100.00	
pH	8.1	9.5	9.0	pH units		6.5 - 8.5		4.77
Potassium	1.76	7.22	3.58	mg/L				
Sodium	32.8	73.3	52.7	mg/L		0 - 180		100.00
Sulphate	21.0	60.0	39.6	mg/L		0 - 250		100.00
Total Dissolved Solids (by EC)	160	310	238	mg/L		0 - 600		100.00
Total Hardness as CaCO3	43	89	65	mg/L		0 - 200		100.00
Turbidity	<0.1	7.4	0.21	NTU		0 - 5		99.32
Zinc - Total	<0.0003	0.0094	0.0023	mg/L		0 - 3		100.00

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