

Myponga Township Drinking Water System

Reporting period: 01 May 2019 to 30 April 2020

Approximate number of Meters supplied: 280

Myponga Township System consists of the processes shown below



Water Quality Data for routine samples at Customer Taps

Parameter	Units	Health Guideline*	Aesthetic Guideline*	Average Value	Health Compliance #
Alkalinity	mg/L	NG	NG	59	NA
Bicarbonate	mg/L	NG	NG	25.2	NA
Calcium	mg/L	NG	NG	25.2	NA
Carbonate	mg/L	NG	NG	0	NA
Chloride	mg/L	NG	≤ 250	141	NA
Chlorine Residual - Free	mg/L	≤ 5	≤ 0.6	<0.1	100%
Chlorine Residual - Monochloramine	mg/L	≤ 5	NG	2.3	100%
Chlorine Residual - Total Chlorine	mg/L	≤ 5	NG	2.3	100%
Colour	HU	NG	≤ 15	2	NA
E. coli	cfu/100mL	0	NG	0	100%
Fluoride	mg/L	≤ 1.5	NG	0.5	100%
Hardness	mg/L	NG	≤ 200	117	NA
Iron	mg/L	NG	≤ 0.3	0.0091	NA
Lead	mg/L	0.01	NG	0.0002	100%
Magnesium	mg/L	NG	NG	13.1	NA
Manganese	mg/L	≤ 0.5	≤ 0.1	0.0006	100%
NDMA	ng/L	≤ 100	NG	4	100%
pH	pH units	NG	6.5 - 8.5	8.4	NA
Potassium	mg/L	NG	NG	6.6	NA
Sodium	mg/L	NG	≤ 180	86.9	NA
Sulphate	mg/L	NG	≤ 250	57.4	NA
Total Dissolved Solids	mg/L	NG	≤ 600	427	NA
Trihalomethanes	µg/L	≤ 250	NG	191	100%
Turbidity	NTU	NG	≤ 5	0.11	NA
Zinc	mg/L	NG	≤ 3	0.0017	NA
Hardness - International	PPM or mg/L	NG	NG	117	NG
Hardness - English Degrees	°e	NG	NG	8.19	NG
Hardness - French Degrees	°f	NG	NG	11.7	NG
Hardness - German Degrees	°dH	NG	NG	6.55	NG

* Australian Drinking Water Guidelines - 2011 (ADWG).

NA - Not Applicable

NG - No Guideline Value

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.

Prior to calculating % compliance for health related chemicals individual results are rounded to the same number of significant figures as the guideline value in the ADWG (as prescribed in the ADWG and agreed with SA Health).

Disclaimer: While every effort has been made to ensure the accuracy of the above data, SA Water accepts no liability for and gives no undertakings, guarantees or warranties concerning the use of the data for any purpose.