

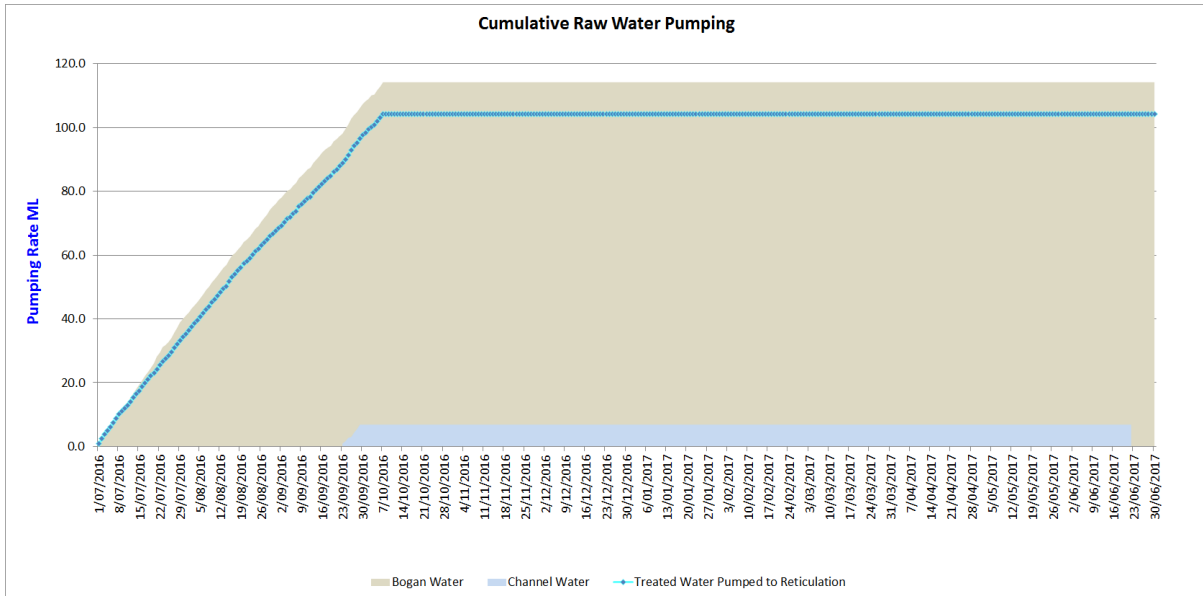
**2016-17 – 1st Quarter
Drinking Water Quality
Management Report
Nyngan Town Water Supply
Bogan Shire Council**





Nyngan Town Water Supply - Bogan Shire Council by 30/09/2016

Cumulative Raw Water Pumping

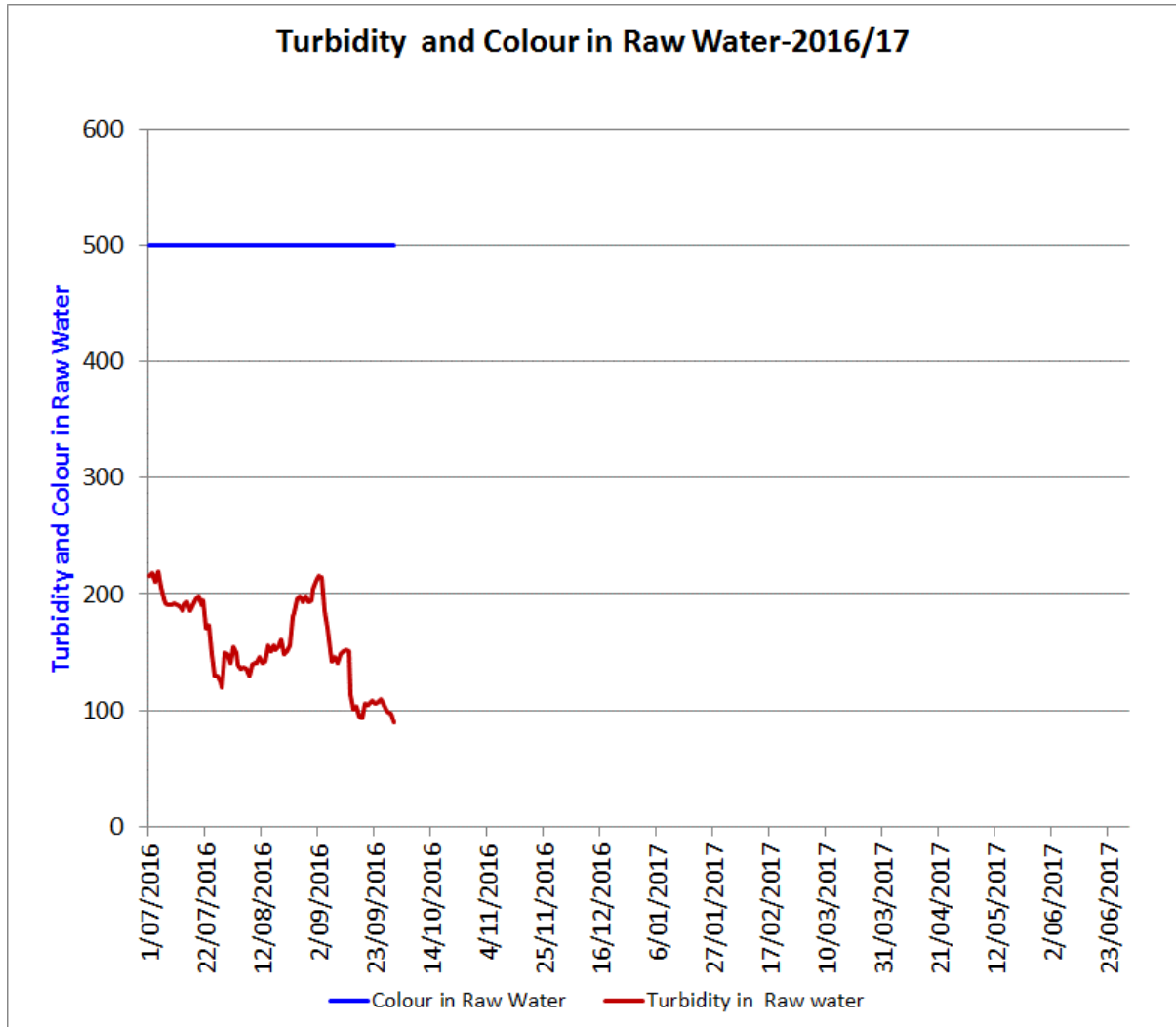


Channel Water Extraction	0 ML
River Water Extraction	107 ML
Plant Losses	9%

Total Raw Water Extracted	107 ML
Total Treated Water Pumped to Reticulation	98 ML



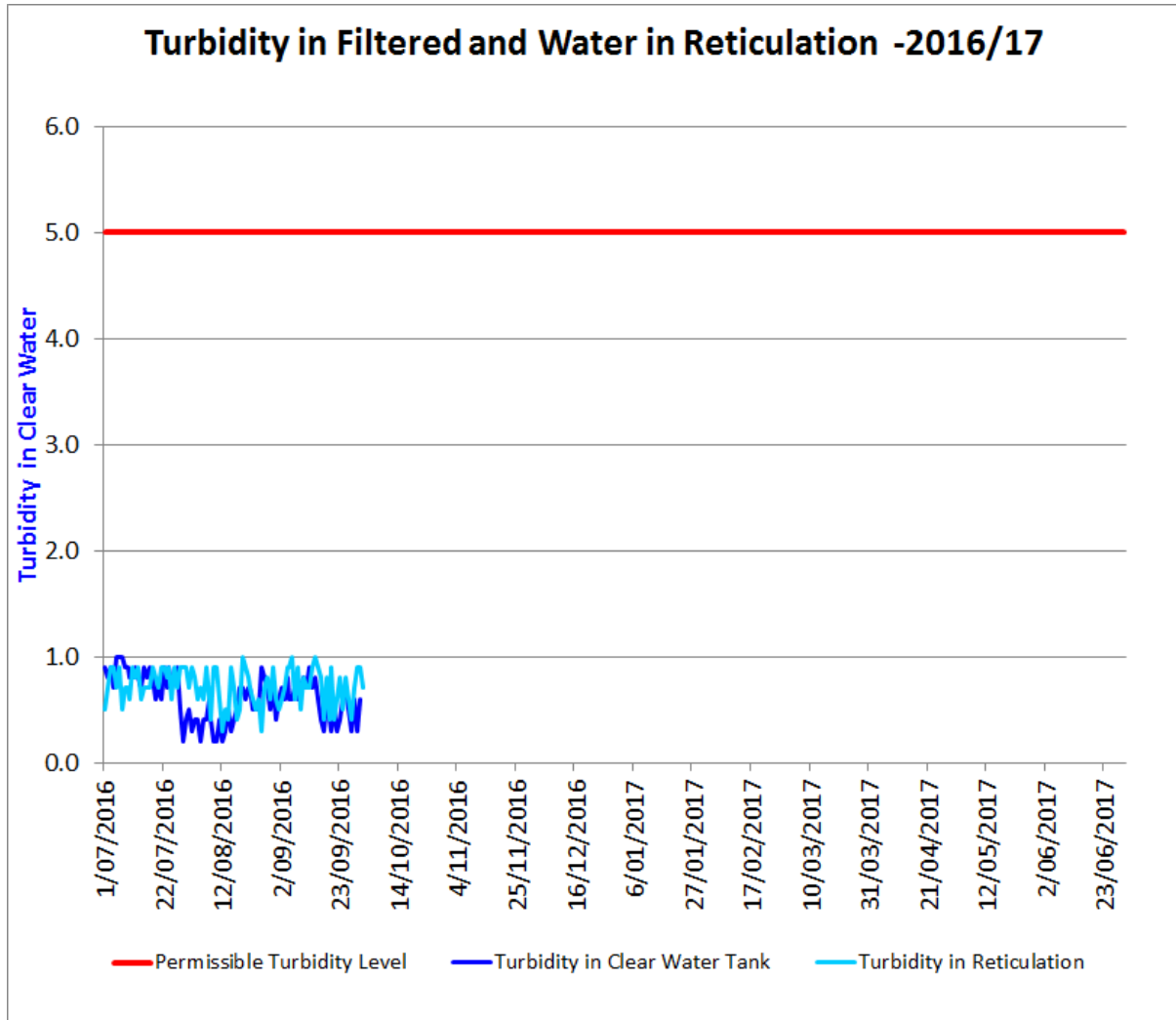
Turbidity and Colour in Raw Water



Maximum Turbidity in Raw Water	219	NTU
Minimum Turbidity Raw Water	90	NTU
Average Turbidity Raw Water	157	NTU
Maximum Colour Raw Water	500	HU
Minimum Colour Raw Water	500	HU
Average Colour Raw Water	500	HU



Turbidity in Reticulation System



Maximum Turbidity in Reticulation Sytem	1.00
Minimum Turbidity in Reticulation Sytem	0.30
Average Turbidity in Reticulation Sytem	0.72

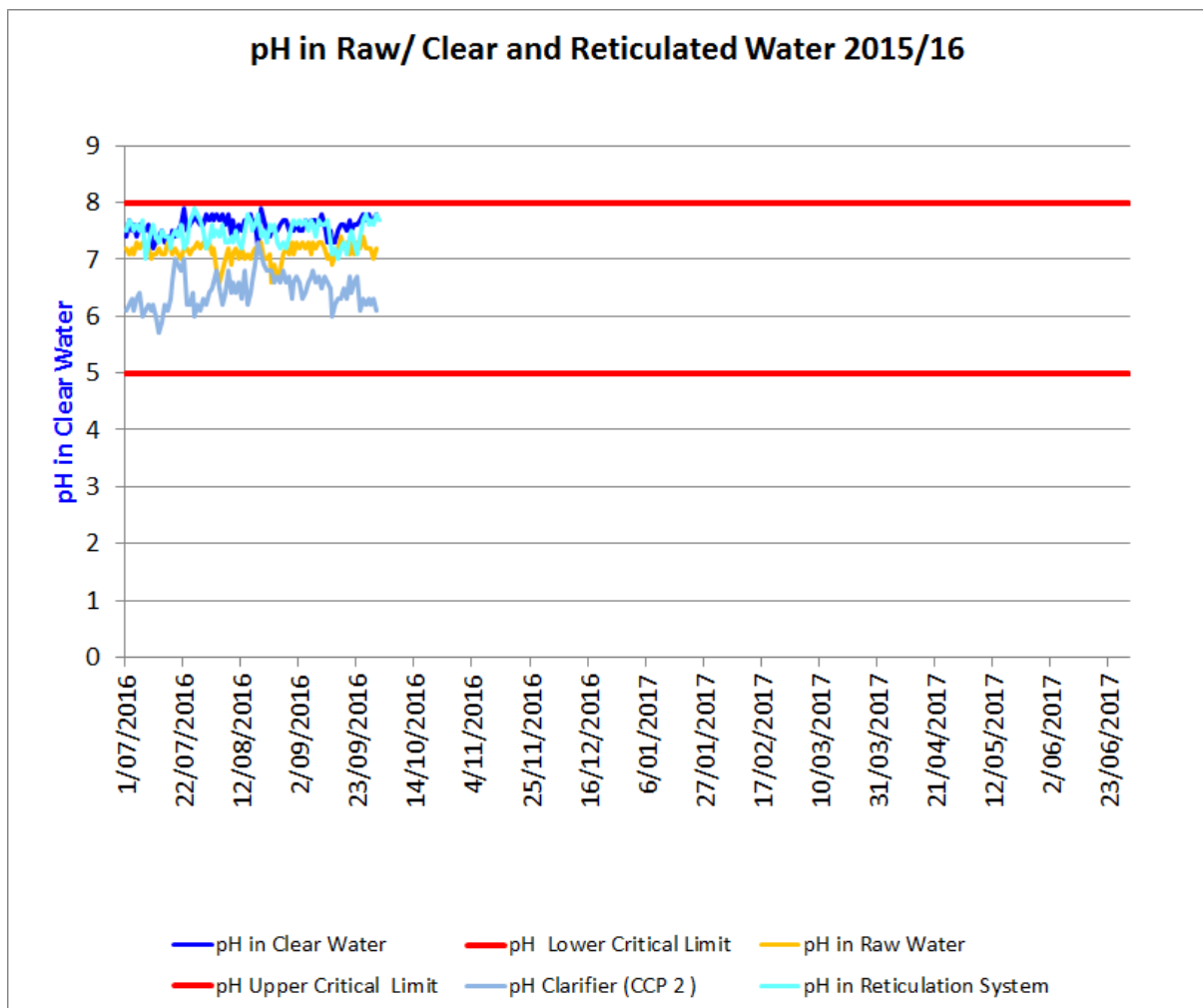
ADWG Compliance	100%
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Fluoride in Clear Water Tank and Reticulation System

Fluoride plant was shut down and new plant to be commissioned by the end of 2016

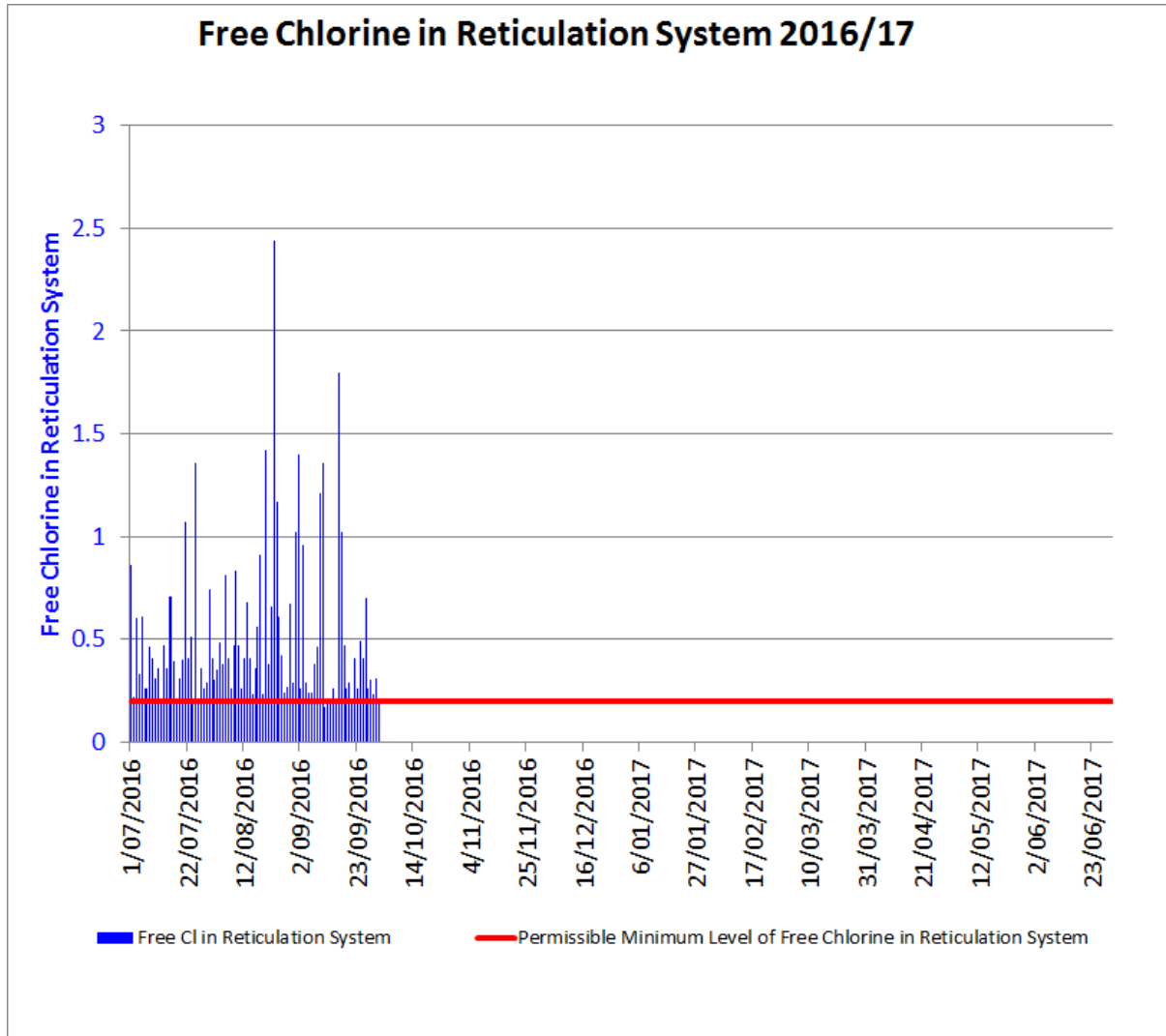
pH in Clear Water Tank and Reticulation System



Maximum pH in Reticulation Sytem	8
Minimum pH in Reticulation Sytem	7
Average pH in Reticulation Sytem	7.5
ADWG Compliance	100%



Free Chlorine in Reticulation System



Maximum Free Chlorine in Reticulation Sytem	2.4
Minimum Free Chlorine in Reticulation Sytem	0.17
Average Free Chlorine in Reticulation Sytem	0.5

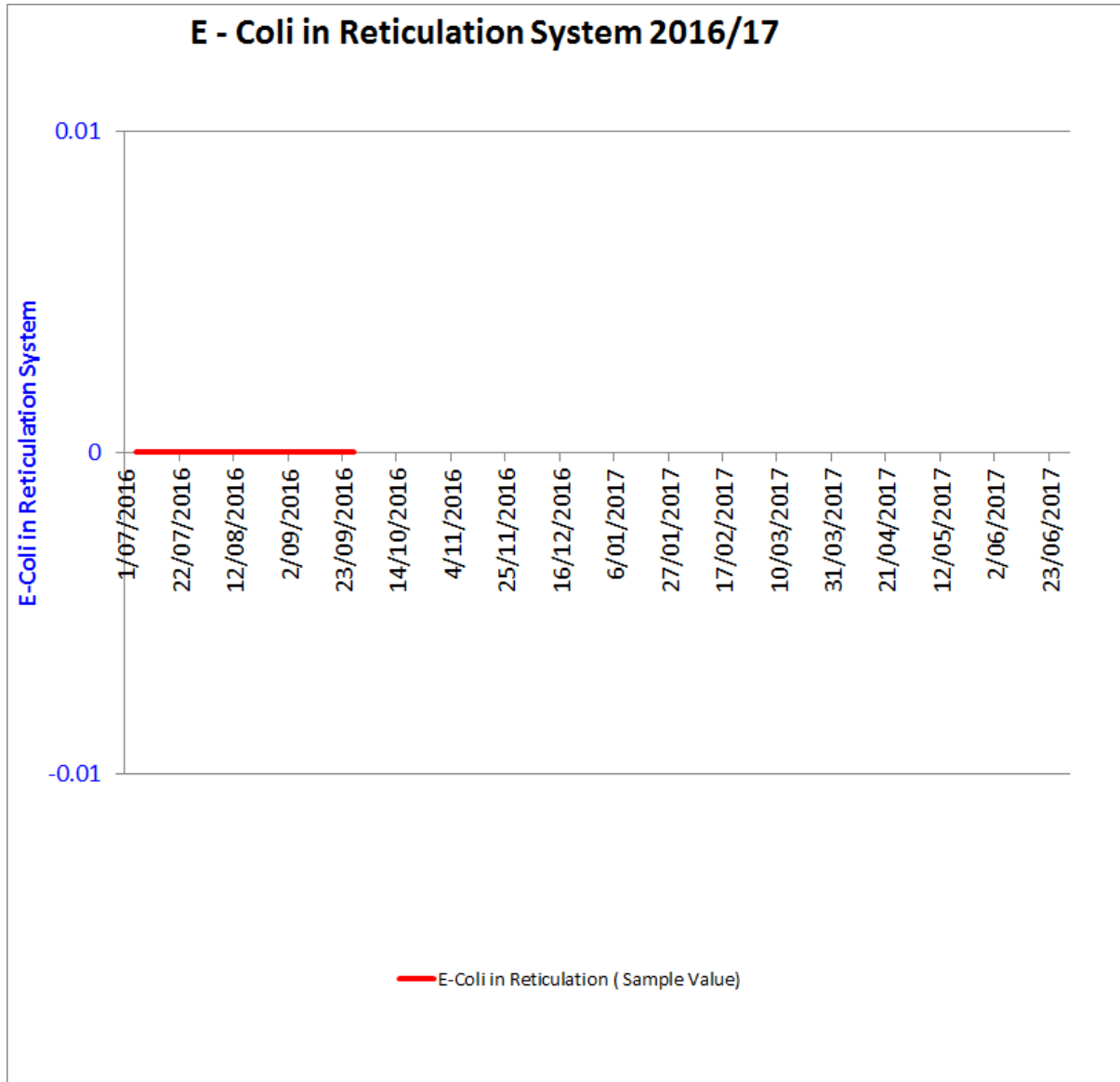
ADWG Compliance	98%
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However all free chlorine residual values are with in the Major Australian reticulated supplies ranges from 0.1 mg/L to 4 mg/L

Chlorine booster system is scheduled to be placed



E -Coli in Reticular System

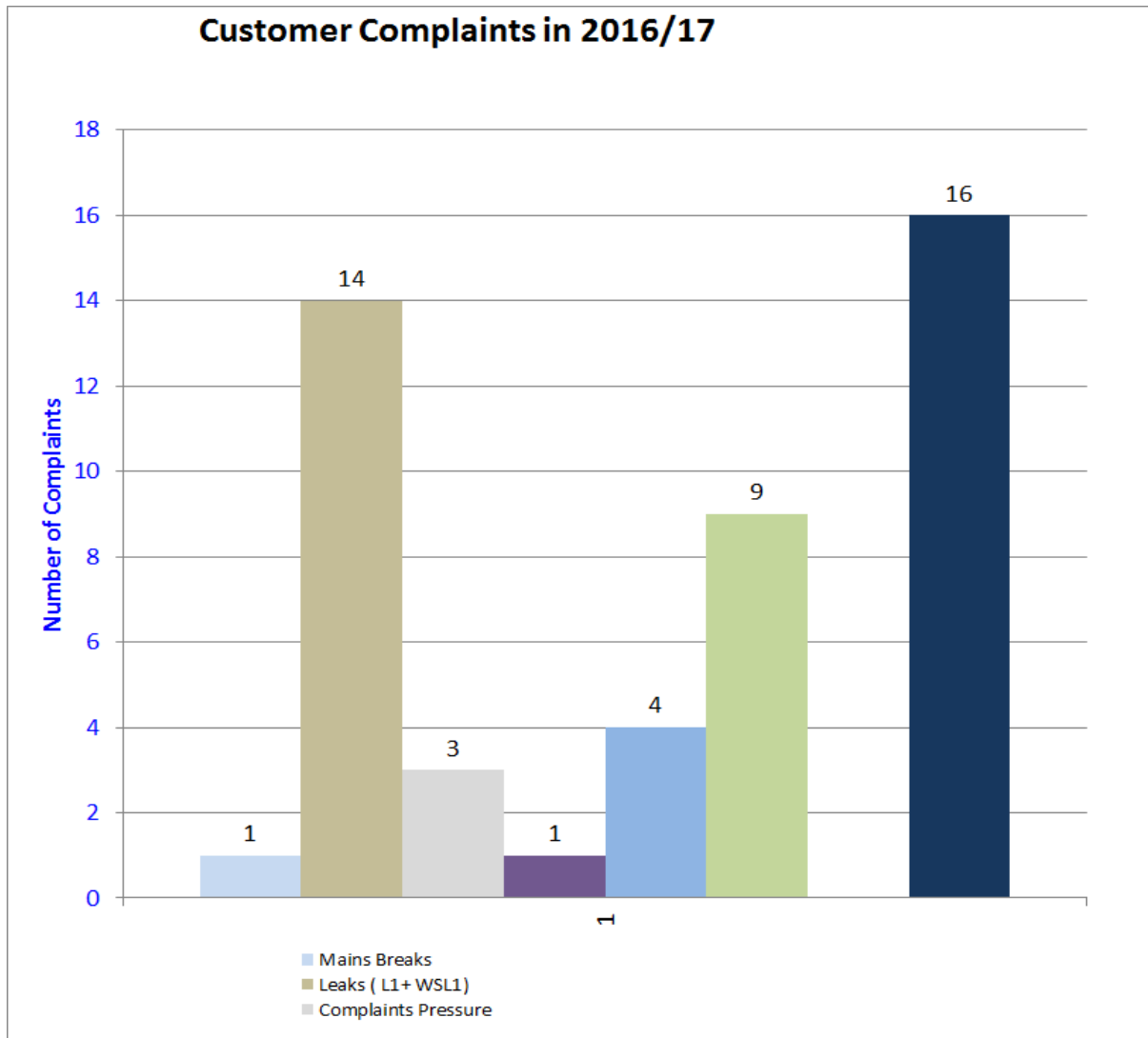


Maximum E-Coli in Reticulation Sytem	0.0
Minimum E-Coli in Reticulation Sytem	0.0
Average E-Coli in Reticulation Sytem	0.0

ADWG Compliance	100%
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Customer Complaints



Description	Nos -2016/17
Mains Breaks	1
Leaks	14
Complaints Pressure	3
Complaints Water	1
Broken Gate Valves	4
Broken Service	9
Changed Meters under meter replacement program for 2016/17	16
Total Changed Meters since 2011	149
Water Quality	0