

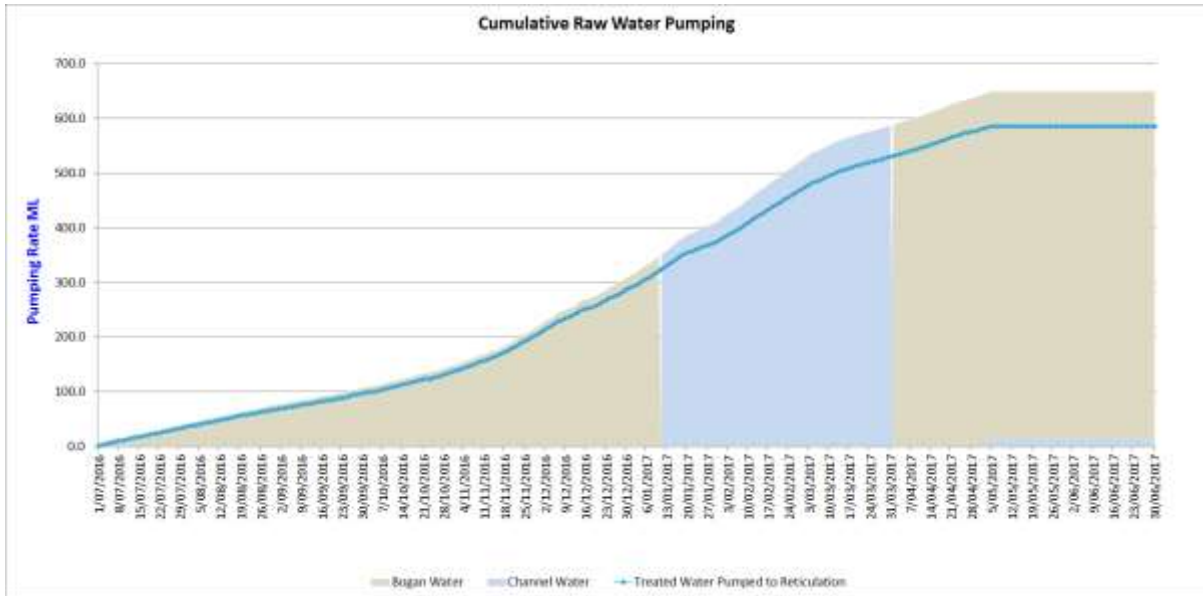
**2016-17 – 3rd Quarter
Drinking Water Quality
Management Report
Nyngan Town Water Supply
Bogan Shire Council**





Nyngan Town Water Supply - Bogan Shire Council by 28/04/2017

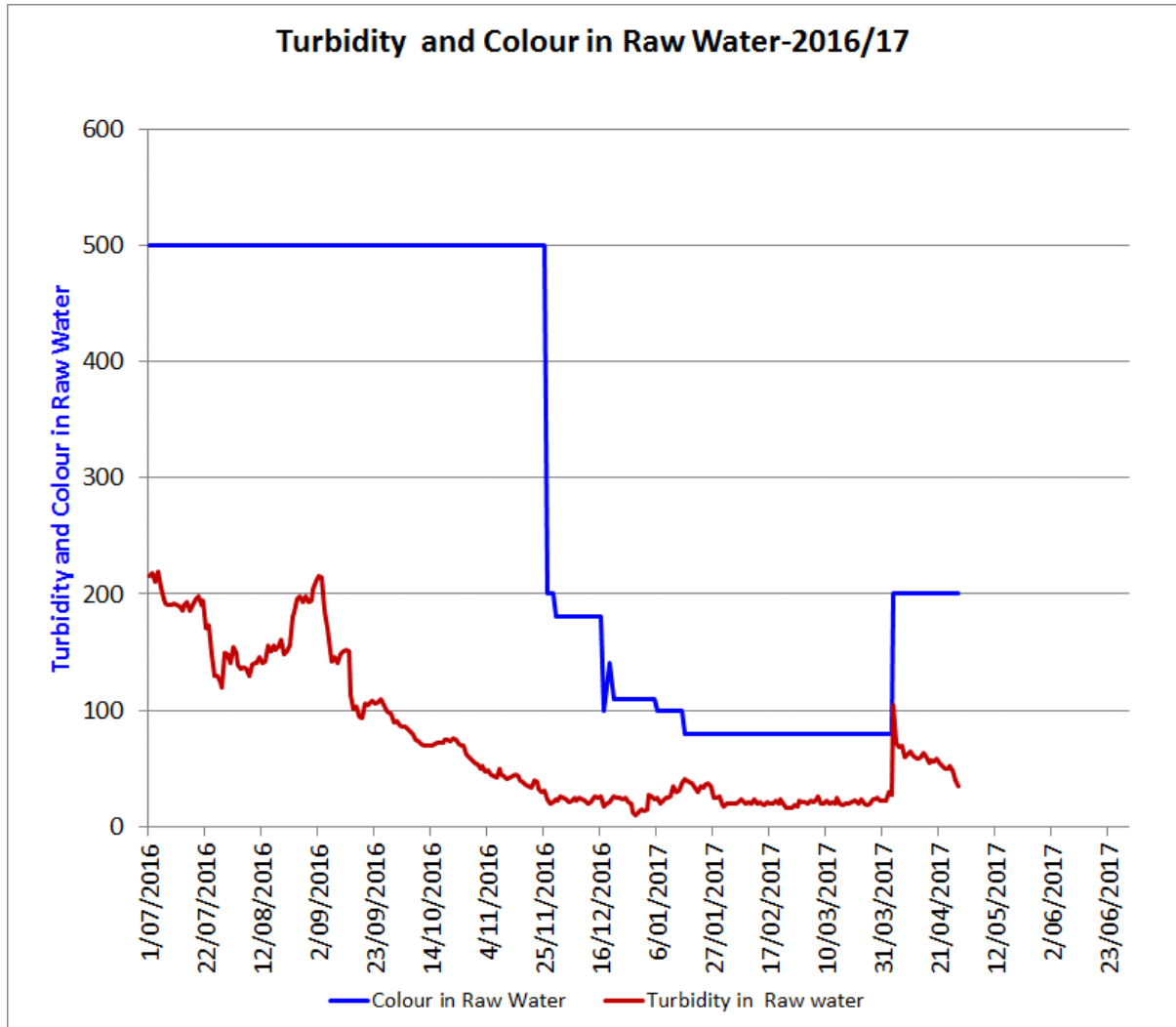
Cumulative Raw Water Pumping



Channel Water Extraction	240 ML
River Water Extraction	409 ML
Plant Losses	10%
Total Raw Water Extracted	649 ML
Total Treated Water Pumped to Reticulation	586 ML



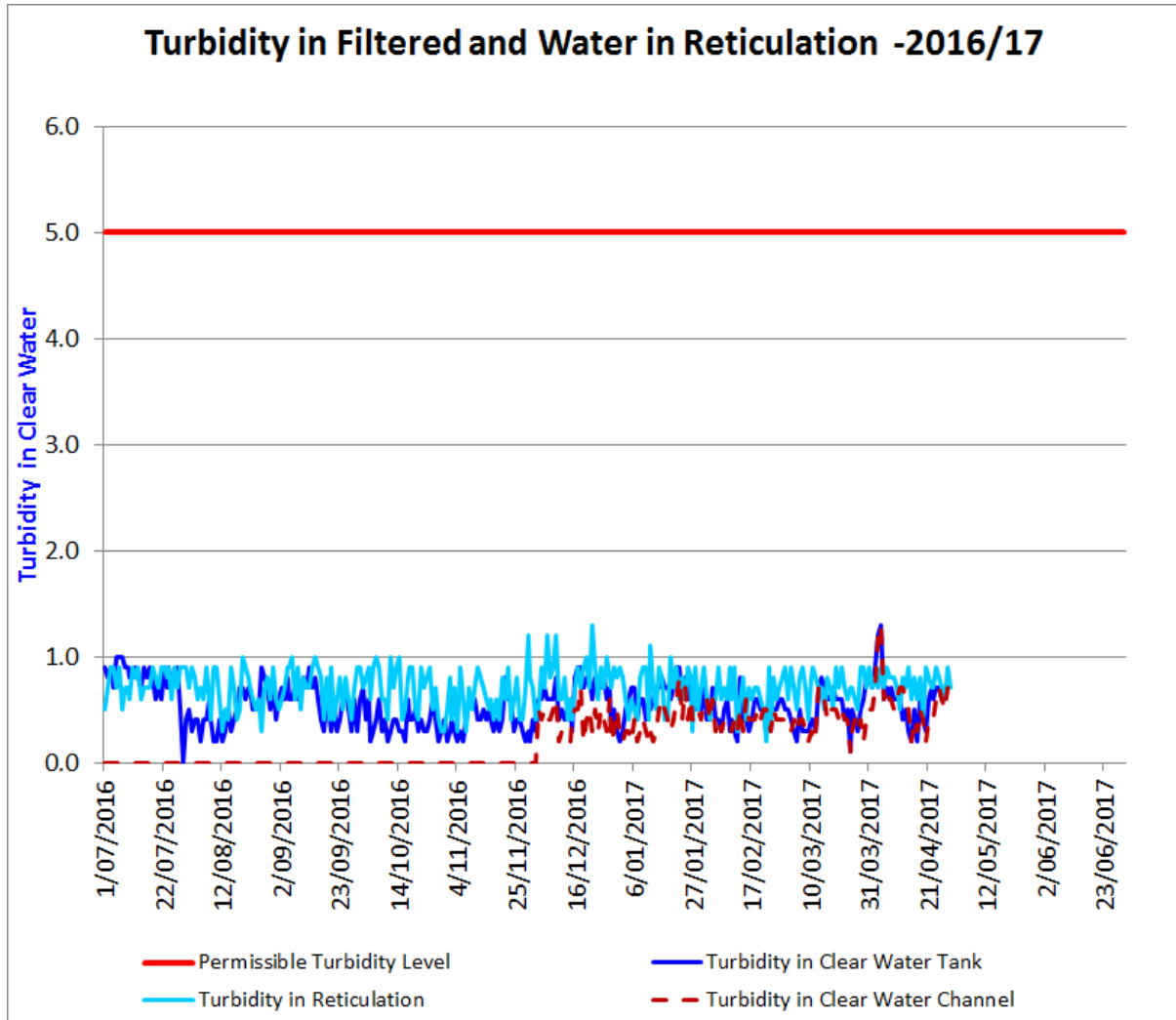
Turbidity and Colour in Raw Water



Maximum Turbidity in Raw Water	219 NTU
Minimum Turbidity Raw Water	10 NTU
Average Turbidity Raw Water	73 NTU
Maximum Colour Raw Water	500 HU
Minimum Colour Raw Water	80 HU
Average Colour Raw Water	306 HU



Turbidity in Reticulation System



Maximum Turbidity in Reticulation Sytem	1.30
Minimum Turbidity in Reticulation Sytem	0.20
Average Turbidity in Reticulation Sytem	0.71

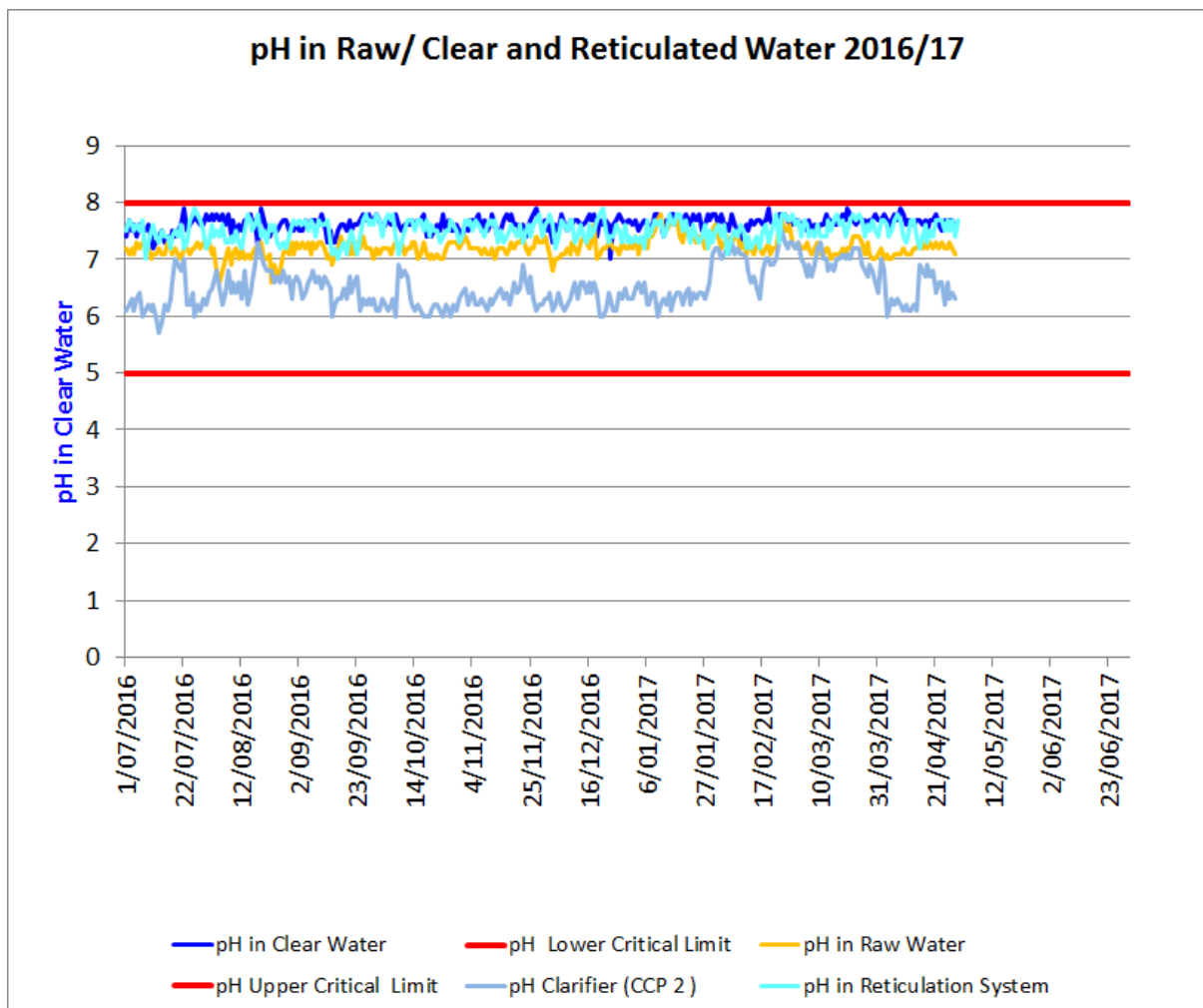
ADWG Compliance	100%
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Fluoride in Clear Water Tank and Reticulation System

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

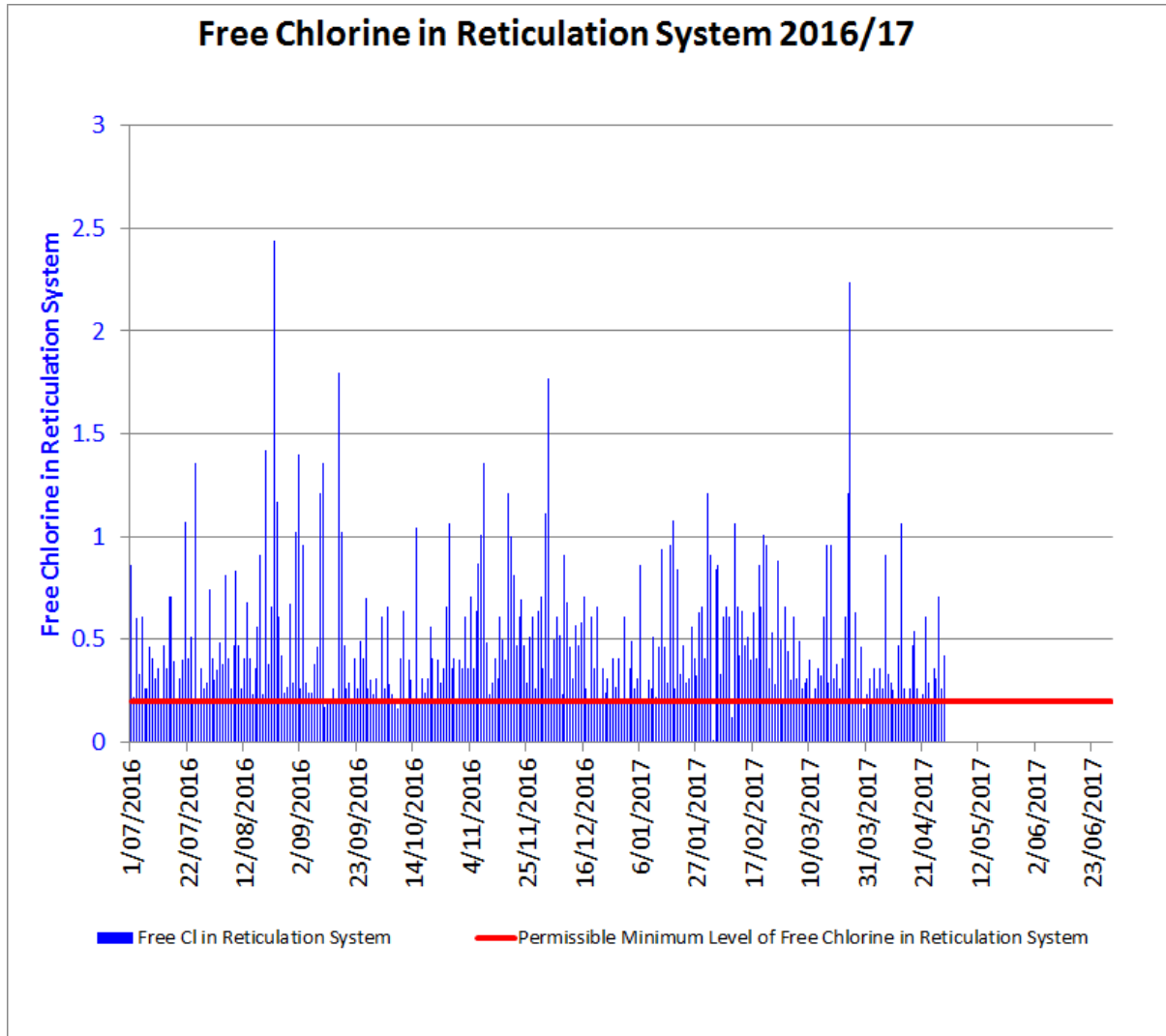
pH in Clear Water Tank and Reticulation System



Maximum pH in Reticulation System	7.9
Minimum pH in Reticulation System	7
Average pH in Reticulation System	7.5
ADWG Compliance	100%



Free Chlorine in Reticulation System



Maximum Free Chlorine in Reticulation Sytem	2.4
Minimum Free Chlorine in Reticulation Sytem	0.01
Average Free Chlorine in Reticulation Sytem	0.5

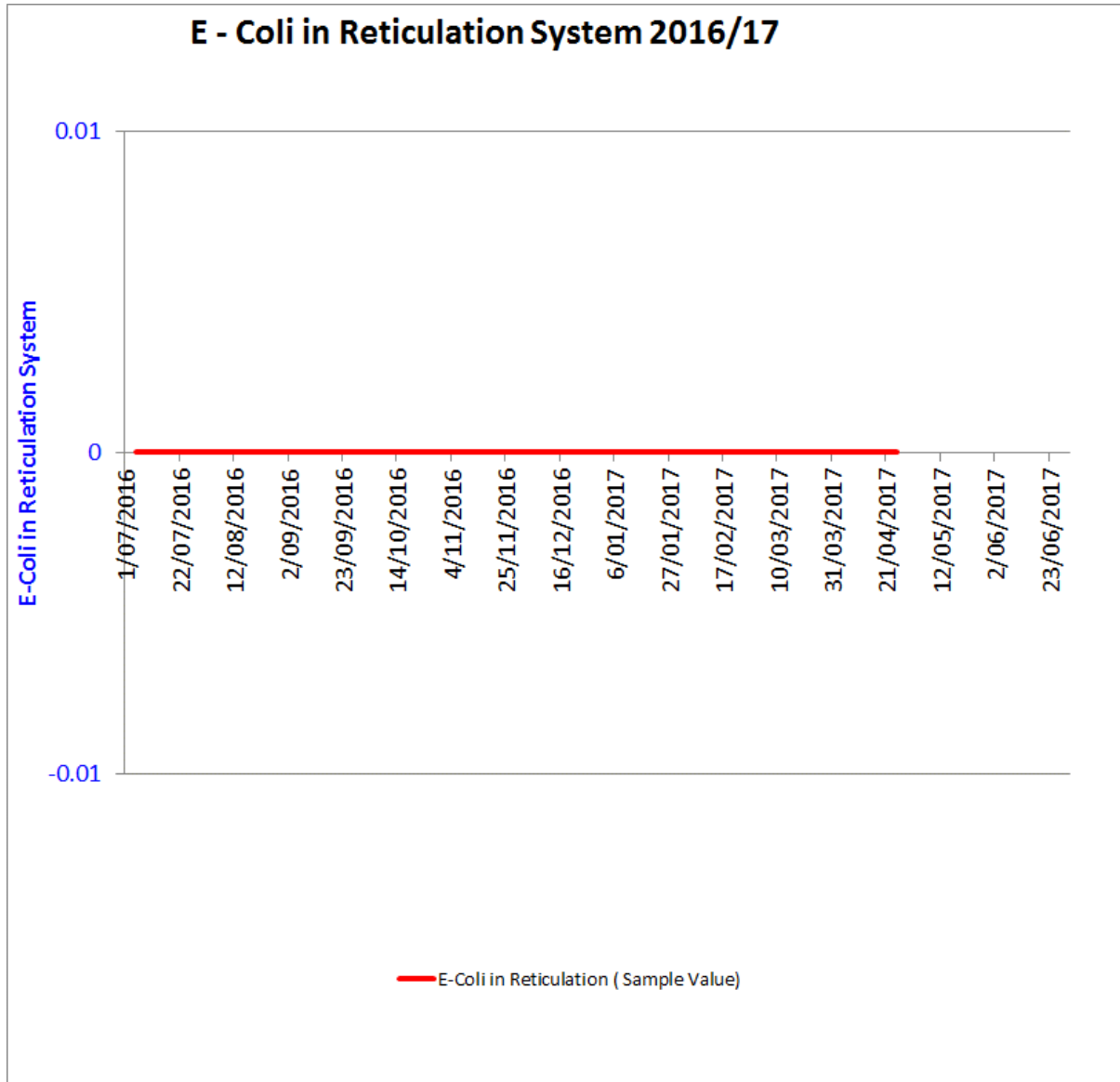
ADWG Compliance	96%
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However all free chlorine residual values are with in the Major Australian reticulated supplies ranges from 0.1 mg/L to 4 mg/L

Chlorine booster system is scheduled to be placed



E -Coli in Reticular System

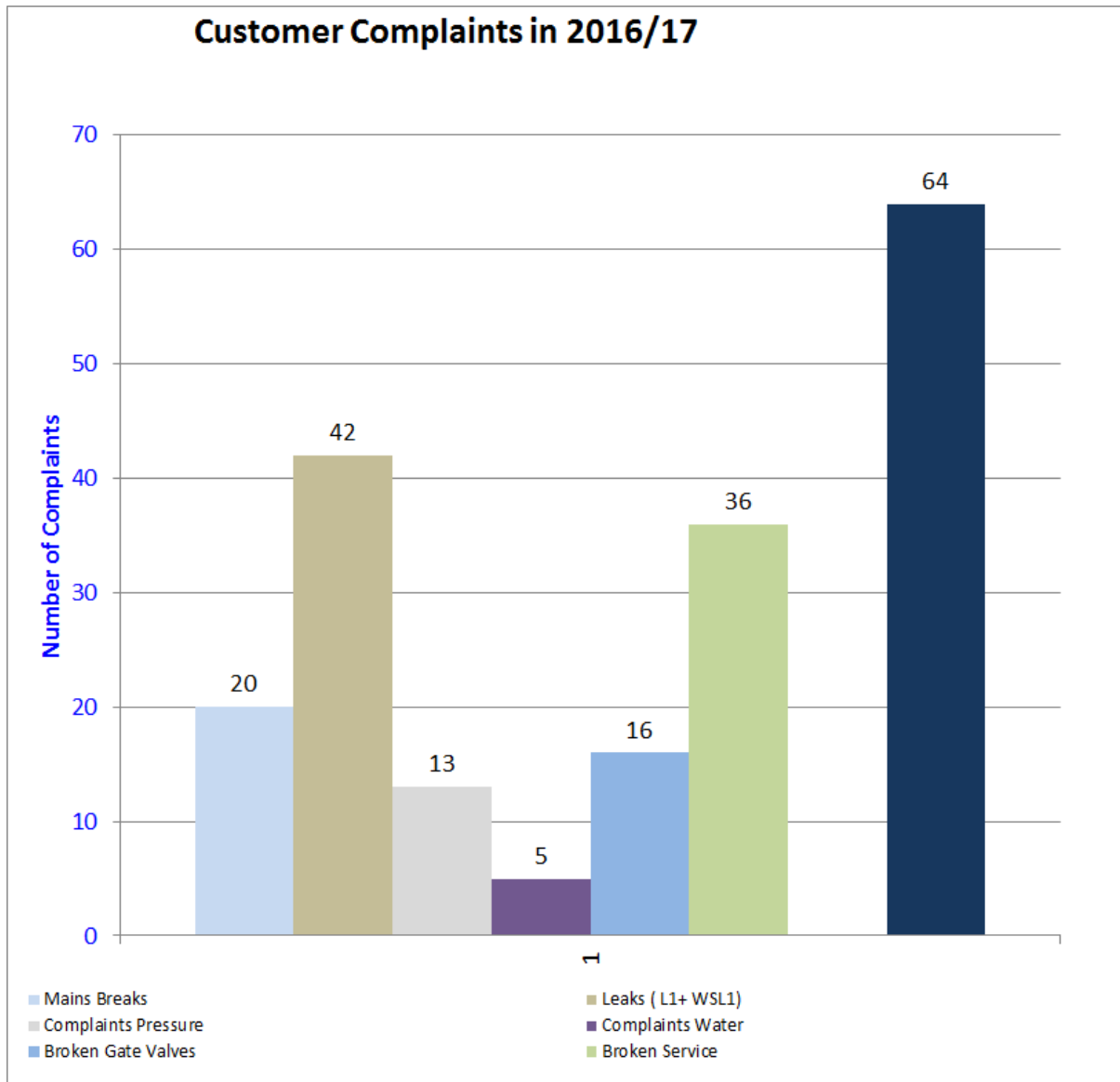


Maximum E-Coli in Reticulation Sytem	0.0
Minimum E-Coli in Reticulation Sytem	0.0
Average E-Coli in Reticulation Sytem	0.0

ADWG Compliance	100%
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Customer Complaints



Description	Nos -2016/17
Mains Breaks	20
Leaks	42
Complaints Pressure	13
Complaints Water	5
Broken Gate Valves	16
Broken Service	36
Changed Meters under meter replacement program for 2016/17	64
Total Changed Meters since 2011	197
Water Quality	0