

Report ID: TS3662	Sample type: Service Water
Client:	Sampling location: Kirkop
Client Address:	Sampling date/time: 26/09/18 11:00
	Sampling by: Assure Food & Water Safety

	Results	Limit	Method	Comments
Aerobic Plate Count (37°C)	18 cfu/ml	≤ 20 cfu/ml	ISO 6222:1999	Result <u>Satisfactory</u> .
Total coliforms	<1 cfu/100ml	<1 cfu/100ml	ISO 9308-1:2000	Result <u>Satisfactory</u> .
Faecal coliforms	<1 cfu/100ml	<1 cfu/100ml	ISO 9308-1:2000	Result <u>Satisfactory</u> .
Faecal streptococci	<1 cfu/100ml	<1 cfu/100ml	ISO 7899-2:2000	Result <u>Satisfactory</u> .
<i>Pseudomonas aeruginosa</i>	<1 cfu/100ml	<1 cfu/100ml	ISO 16266:2006	Result <u>Satisfactory</u> .
Free residual chlorine - mg/l	0.33	0.3-1.0	Colorimetric	Result <u>Satisfactory</u> .
pH	7.30	≥6.5 and ≥9.5	Electronic	Result <u>Satisfactory</u> .
Ammonium – mg/l	<0.50	< 0.5	Comparator	Result <u>Satisfactory</u> .
Colour – colour units	Colourless	Colourless	N/A	Result <u>Satisfactory</u> .
Conductivity - μS cm <sup>-1</sup>	1847	2500	Electronic	Result <u>Satisfactory</u> .
TDS – mg/l	924	1250	Electronic	Result <u>Satisfactory</u> .
Nitrite – mg/l	<0.50	< 0.5	Comparator	Result <u>Satisfactory</u> .
Odour	Acceptable	Acceptable	N/A	Result <u>Satisfactory</u> .
Turbidity - NTU	0.00	< 1.0	Colorimetric	Result <u>Satisfactory</u> .
Chloride – mg/l	491	250	Titrimetric	Result <u>Acceptable</u> .
Fluoride – mg/l	0.10	1.5	Colorimetric	Result <u>Satisfactory</u> .
Nitrate – mg/l	23.00	50	Spectrophotometer	Result <u>Satisfactory</u> .
Sulphate – mg/l	48.00	200	Spectrophotometer	Result <u>Satisfactory</u> .
Sodium – mg/l	424.00	200	Titrimetric	Result <u>Acceptable</u> .

**Action:**

Water fit for human consumption.

**Conclusion:**

Microbiological and Chemical parameters comply with LN 17:2009 'Water intended for human consumption Regulations'.



**Authorised By:** \_\_\_\_\_

Mr. Alex Brincat B.Sc.(Hons.), M.Sc.H.Sc. FRSPH  
Consultant Assure Food and Water Safety Consulting

**Date: 09/10/2018**