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|---------------------------------|---|
| Report ID: TS3661               | Sample type: Service Water              |
| Client: Mr. Simon Muscat        | Sampling location: M'Xlokk              |
| Client Address: Water Dispenser | Sampling date/time: 26/09/18 11:00      |
|                                 | Sampling by: Assure Food & Water Safety |

|                                    | Results      | Limit         | Method            | Comments                     |
|------------------------------------|--------------|---------------|-------------------|------------------------------|
| Aerobic Plate Count (37°C)         | 3 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      | 0.67         | 0.3-1.0       | Colorimetric      | Result <u>Satisfactory</u> . |
| pH                                 | 7.50         | ≥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> | 1858         | 2500          | Electronic        | Result <u>Satisfactory</u> . |
| TDS – mg/l                         | 925          | 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                    | 506          | 250           | Titrimetric       | Result <u>Acceptable</u> .   |
| Fluoride – mg/l                    | 0.10         | 1.5           | Colorimetric      | Result <u>Satisfactory</u> . |
| Nitrate – mg/l                     | 26.00        | 50            | Spectrophotometer | Result <u>Satisfactory</u> . |
| Sulphate – mg/l                    | 52.00        | 200           | Spectrophotometer | Result <u>Satisfactory</u> . |
| Sodium – mg/l                      | 410.00       | 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:** \_\_\_\_\_

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**Date: 09/10/2018**