|   | National Water and Sewerage Corporation Ggaba Laboratory | Document No.:<br>NWSC/WPD/QF/21.4 | Kanmala Noter  |
|---|--|-----------------------------------|----------------|
| Effective date: 19 <sup>th</sup> March 2019 | Website Report   | Version No.: 1                    | Revision date: |

Report Date: 22nd April 2024

Table: Average water quality for Kampala Water during the period running 15th April - 21st April 2024

| Parameter                          | ,   | Monitoring Points |                        |         |                                |                                |                                  |                     |                                     |                  |
|------------------------------------|---|-------------------|------------------------|---------|--------------------------------|--------------------------------|----------------------------------|---------------------|-------------------------------------|------------------|
|                                    | National<br>Standard<br>For Potable Water | Market            | Kulambiro<br>Tuba Zone | Academy | Kijabijjo<br>Trading<br>Center | Buziga<br>Islamic<br>Institute | Nakinyuguzi<br>Trading<br>Center | Namugongo<br>Jjanda | Aqua<br>Coolers Ltd<br>- 7th Street | City<br>Abattoir |
| Electrical Conductivity (µs/cm)    | ≤1500                                     | 126               | 126                    | 113     | 114                            | 150                            | 161                              | 113                 | 162                                 | 157              |
| pH                                 | 6.5-8.5                                   | 6.8               | 6.9                    | 6.9     | 6.8                            | 6.7                            | 6.7                              | 6.8                 | 6.7                                 | 6.7              |
| Turbidity (NTU)                    | ≤5  | 0.41              | 0.38                   | 0.82    | 0.40                           | 0.59                           | 0.66                             | 0.32                | 0.54                                | 0.56             |
| Colour – Apparent (PtCo)           | ≤15                                       | 2                 | 0                      | 8       | 0                              | 3                              | 4                                | 0                   | 2                                   | 1                |
| Escherichia Coliforms (CFU/100m/L) | 0   | 0                 | 0                      | 0       | 0                              | 0                              | 0                                | 0                   | 0                                   | 0                |
| Faecal Coliforms (CFU/100m/L)      | 0   | 0                 | 0                      | 0       | 0                              | 0                              | 0                                | 0                   | 0                                   | 0                |
| Total Coliforms (CFU/100m/L)       | 0   | 0                 | 0                      | 0       | 0                              | 0                              | 0                                | 0                   | 0                                   | 0                |
| Residual Chlorine (mg/L)           | 0.20-0.50                                 | 0.40              | 0.40                   | 0.30    | 0.35                           | 0.30                           | 0.30                             | 0.30                | 0.30                                | 0.40             |
| Total Suspended Solids (mg/L)      | 0   | 0                 | 0                      | 0       | 0                              | 0                              | 0                                | 0                   | 0                                   | 0                |

## Remarks

The physio-chemical and bacteriological quality of the supplied water in the Network distribution complied with the National Standards for treated potable water.

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Denis Smith Akejo Senior Ouality Control Officer – KW

*Written by:* 

Enos Malambala

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**Ouality Assurance Manager – KW** 

Approved by:

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| Parameter                          | •  | Monitoring Points |                               |                                |                  |                  |                                 |                       |                           |
|------------------------------------|--|-------------------|-------------------------------|--------------------------------|------------------|------------------|---------------------------------|-----------------------|---------------------------|
|                                    | National<br>Standard<br>For Potable<br>Water | Kasubi<br>Market  | Kisenyi II<br>Kakajjo<br>Zone | Kyengera<br>Central<br>College | Old Taxi<br>Park | Rubaga<br>Kabusu | Green Hill<br>Academy<br>Kibuli | Lubowa<br>Police Post | Nyanama<br>Trading Center |
| Electrical Conductivity (µs/cm)    | ≤1500  | 149               | 164                           | 157                            | 149              | 379              | 159                             | 142                   | 157                       |
| pH                                 | 6.5-8.5                                      | 6.6               | 6.6                           | 6.8                            | 6.6              | 6.6              | 6.6                             | 7.0                   | 6.8                       |
| Turbidity (NTU)                    | ≤5   | 0.56              | 0.58                          | 0.29                           | 0.54             | 0.54             | 0.56                            | 0.48                  | 0.48                      |
| Colour – Apparent (PtCo)           | ≤15  | 3                 | 4                             | 0                              | 3                | 4                | 3                               | 3                     | 0                         |
| Escherichia Coliforms (CFU/100m/L) | 0  | 0                 | 0                             | 0                              | 0                | 0                | 0                               | 0                     | 0                         |
| Faecal Coliforms (CFU/100m/L)      | 0  | 0                 | 0                             | 0                              | 0                | 0                | 0                               | 0                     | 0                         |
| Total Coliforms (CFU/100m/L)       | 0  | 0                 | 0                             | 0                              | 0                | 0                | 0                               | 0                     | 0                         |
| Residual Chlorine (mg/L)           | 0.20-0.50                                    | 0.40              | 0.30                          | 0.30                           | 0.25             | 0.30             | 0.40                            | 0.35                  | 0.40                      |
| Total Suspended Solids (mg/L)      | 0  | 0                 | 0                             | 0                              | 0                | 0                | 0                               | 0                     | 0                         |

## **Remarks**

The physio-chemical and bacteriological quality of the supplied water in the Network distribution complied with the National Standards for treated potable water.

Aveo

Denis Smith Akejo <u>Senior Quality Control Officer – KW</u>

Written by:

Enos Malambala

**Quality Assurance Manager – KW** 

Approved by: