



**NATIONAL WATER & SEWERAGE CORPORATION
WATER QUALITY MANAGEMENT DEPARTMENT**

MBARARA AREA

Report date: 2nd March 2016

Table: Water quality for Selected zones in Mbarara during the week of 25th February, 2016

| Parameter | | | | Monitoring points | | | | National Standard For potable water quality (Water in Supply) |
|----------------------|----------------|--------------|----------------|-------------------|-----------------|----------------|---------|--|
| | Unit | Raw water | Final water | Ruti Reservoir | Water in Supply | | | |
| | | | | | Bwizib wera | Town Center | Biharwe | |
| Codes | | N019 | N020 | N021 | N022 | N023 | N024 | |
| pH | | 7.1 | 7.0 | 6.9 | 6.7 | 6.8 | 6.8 | 5.5 – 8.5 |
| Turbidity | NTU | 80.00 | 1.00 | 1.00 | 0.00 | 0.00 | 1.00 | ≤5.00 |
| Colour | PtCo. | 737 | 12 | 11 | 9 | 8 | 12 | ≤15 |
| Iron | Mg/l | 5.970 | 0.070 | N/R | N/R | N/R | N/R | ≤0.300 |
| Residue Aluminium | Mg/l | N/A | 0.12 | N/R | N/R | N/R | N/R | ≤0.20 |
| Free chlorine | mg/L | NA | 1.07 | 0.50 | 0.20 | 0.32 | 0.20 | 0.20 – 0.50 |
| Faecal - Coliform | CFU/ 100 mL | 37000 | 0 | 0 | 0 | 0 | 0 | 0 |