

# CERTIFICATE OF ACCREDITATION

## WATER UTILITIES CORPORATION – MMAMASHIA LABORATORY

*Established by Act of Parliament in 1970 CAP 74:02*

**Facility Accreditation Number: TEST-1 0004**

is a SADCAS accredited Testing Laboratory  
provided that all SADCAS conditions are complied with

This certificate is valid as per the scope stated in the accompanying schedule of accreditation,  
Annexure “A”, bearing the above accreditation number for

## MICROBIOLOGICAL ANALYSIS

*The facility is accredited in accordance with the recognized International Standard*

**ISO/IEC 17025:2017**

*The accreditation demonstrates technical competency for a defined scope and the operation  
of a laboratory quality management system*

*SADCAS is a subsidiary organization of SADC. A memorandum of understanding between SADC and  
SADCAS serves as the basis for the recognition of SADCAS by SADC Member States  
as a multi-economy accreditation body*

---

**Eve C Gadzikwa**  
**SADCAS Chief Executive Officer**

**Date of Renewal of Accreditation: 14 July 2023**  
**Effective Date (Issue No: 1): 14 July 2023**  
**Certificate Expires: 13 July 2028**

## ANNEXURE A

### SCHEDULE OF ACCREDITATION

### MICROBIOLOGICAL ANALYSIS

**Laboratory Accreditation Number: TEST-1 0004 (ISO/IEC 17025:2017)**

|                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Permanent Address of Laboratory</u></b><br>Water Utilities Corporation<br>Mmamashia Water Treatment Works<br>Off Gaborone - Francistown Road<br>1.8 Km opposite Oodi Road turn off<br>Mmamashia<br>Botswana |  | <b><u>Technical Signatories:</u></b><br>Ms K Semele (WUC/MTM/001, 002, 004, 005, 007, 015 & 018)<br>Ms F L Sentsho (WUC/MTM/001, 002, 004, 005, 007, 015 & 018)<br>Ms J M Kereng (WUC/MTM/001, 002, 004, 005, 007, 015 & 018)<br>Ms P O Temo (WUC/MTM/001, 002, 004, 005, 007, 015 & 018)<br>Ms K N Ndabambi (WUC/MTM/012 & 013)<br>Ms R Kabanjera (WUC/MTM/012 & 013)<br>Ms T Segotso (WUC/MTM/012 & 013) |
| <b><u>Postal Address</u></b><br>Private Bag 00276<br>Gaborone<br>Botswana                                                                                                                                         |  | <b><u>Nominated Representative</u></b> : Mr N G Selalame                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                   |  | <b><u>Deputy Nominated Representative</u></b> : Ms P B Matshameko                                                                                                                                                                                                                                                                                                                                          |
| <b><u>Tel</u></b> : +267 360 4400 / 4401<br><b><u>Cell</u></b> : +267 73 970 302/71 418 94<br><b><u>Email</u></b> : <a href="mailto:NSelalame@WUC.BW">NSelalame@WUC.BW</a>                                        |  | <b><u>Issue No</u></b> : 03<br><b><u>Date of Issue</u></b> : 03 May 2025<br><b><u>Expiry Date</u></b> : 13 July 2028                                                                                                                                                                                                                                                                                       |

| MATERIALS/PRODUCTS TESTED          | TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT     | STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED |
|------------------------------------|--------------------------------------------------------------|----------------------------------------------------|
| Drinking Water                     | Total coliforms                                              | WUC/MTM/001 - Colilert-18 Method                   |
|                                    | <i>Escherichia coli</i>                                      | WUC/MTM/001 - Colilert-18 Method                   |
| Drinking & Bottled Water           | Intestinal enterococci                                       | WUC/MTM/007 - Membrane Filtration-(SB)             |
| Drinking, Bottled & Hospital Water | <i>Pseudomonas aeruginosa</i>                                | WUC/MTM/015 - Pseudalert Test                      |
| Drinking, Bottled & Ground Water   | Faecal coliforms                                             | WUC/MTM/002 - Membrane Filtration – (mFC)          |
|                                    | Faecal coliforms                                             | WUC/MTM/004 - Colilert-18                          |
|                                    | Total coliforms                                              | WUC/MTM/005 - Membrane Filtration – (CCA)          |
|                                    | <i>Escherichia coli</i>                                      | WUC/MTM/005 - Membrane Filtration – (CCA)          |
|                                    | Heterotrophic Plate Count (HPC) at 22°C / 72h and 37°C / 48h | WUC/MTM/018 - (HPC) at 22 °C / 72h & 37°C / 48h    |

## ANNEXURE A

Laboratory Accreditation No: TEST-1 0004 (ISO/IEC 17025:2017)

Issue No: 03

Date of Issue: 03 May 2025

Date of Expiry: 13 July 2028

| MATERIALS/PRODUCTS TESTED | TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT | STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED |
|---------------------------|----------------------------------------------------------|----------------------------------------------------|
| Wastewater                | Faecal coliforms                                         | WUC/MTM/012 - Colilert- 18 Method                  |
|                           | Total coliforms                                          | WUC/MTM/013 - Colilert-18 Method                   |
|                           | <i>Escherichia coli</i>                                  | WUC/MTM/013 - Colilert-18 Method                   |

Original date of accreditation: 02 August 2013

Page 2 of 2

---

**Pinkie J Malebe**  
**SADCAS Technical Manager**