

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 subsidiarity 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)

<p><u>Permanent Address of Laboratory</u> Water Utilities Corporation Mmamashia Water Treatment Works Off Gaborone - Francistown Road 1.8 Km opposite Oodi Road turn off Mmamashia Botswana</p> <p><u>Postal Address</u> Private Bag 00276 Gaborone Botswana</p> <p><u>Tel</u> : +267 360 4400 / 4401 <u>Cell</u> : +267 73 970 302/71 418 94 <u>Email</u> : NSelalame@WUC.BW</p>	<p><u>Technical Signatories</u> : Ms K Semele (WUC/MTM/001, 002, 004, 005, 006, 007, 015 & 018) Ms F L Sentsho (WUC/MTM/001, 002, 004, 005, 006, 007 & 015) Ms J M Kereng (WUC/MTM/001, 002, 004, 005, 006, 007, 015 & 018) Ms P O Temo (WUC/MTM/001, 002, 004, 005, 006, 007, 015 & 018) Ms K N Ndabambi (WUC/MTM/011 & 012) Ms R Kabanjera (WUC/MTM/011 & 012) Ms T Segotso (WUC/MTM/011 & 012)</p> <p><u>Nominated Representative</u> : Mr N G Selalame</p> <p><u>Issue No</u> : 02 <u>Date of Issue</u> : 20 May 2024 <u>Expiry Date</u> : 13 July 2028</p>	
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
Drinking Water	Total coliforms; Colilert-18 Method <i>Escherichia coli</i> ; Colilert-18 Method	WUC/MTM/001 WUC/MTM/001
Drinking & Bottled Water	Intestinal enterococci; membrane filtration-(SB) Heterotrophic Plate Count at 37°C	WUC/MTM/007 WUC/MTM/006
Drinking, Bottled & Hospital Water	<i>Pseudomonas aeruginosa</i> ; Pseudalert test	WUC/MTM/015
Drinking, Bottled & Ground Water	Faecal coliforms; Membrane Filtration – (mFC) Faecal coliforms; Colilert-18 Total coliforms; Membrane Filtration – (CCA) <i>Escherichia coli</i> ; Membrane Filtration – (CCA) Heterotrophic Plate Count (HPC) @ 37°C / 48h	WUC/MTM/002 WUC/MTM/004 WUC/MTM/005 WUC/MTM/005 WUC/MTM/018

ANNEXURE A

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

Issue No: 02

Date of Issue: 20 May 2024

Date of Expiry: 13 July 2028

MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
Wastewater	Total coliforms by Colilert- 18 Method	WUC/MTM/011
	Faecal coliforms by Colilert- 18 Method	WUC/MTM/012

Original date of accreditation: 02 August 2013

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Pinkie J Malebe
SADCAS Technical Manager