



Schedule of Accreditation
Laboratory No.: T017
(accredited to ISO/IEC 17025:2017)

Permanent Address of laboratory:

Central Water Authority
Head Office, St Paul
Phoenix

Postal Address:

Central Water Authority
Head Office, St Paul
Phoenix

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Technical Signatories:

For Chemical:

Mr. Nizam Jeeawody,

Mr. Dharmyashdeo Meetooah

Excluding B8, B9:

Mrs. Jhotee Ramguttee, Mrs. Artee
Paupiah, Mrs. Tejaswatee Devi Balloo,
Ms. Vandana Seeburrun, Ms. Bibi Aisha
Yasmeen Ibrahim, Mrs. Asha Mistry,
Mrs. Sweta Gunga Jhowry, Ms. Késhini
Cuniah

For Biological:

Mrs. Anjeelee Ragoobur, Ms. Cheetra Devi
Emrith

Issue No.: 04

Expiry Date: 02 May 2028

	<i>Items, Materials or Products Tested</i>	<i>Types of tests/Properties Measured Range of Measurement</i>	<i>Specification/Standard methods or techniques used</i>
I.	Chemical		
A.	Water and Effluent	1. pH 2. Conductivity 3. Turbidity 4. Sulphate 5. Chloride 6. Nitrate (as N) 7. Nitrite (as N)	APHA 4500-H ⁺ B, 24 th Ed – Electrometric Method APHA 2510 B, 24 th Ed – Electrometric Method APHA 2130 B, 24 th Ed – Nephelometric Method Hach Method 8051:2019; USEPA Approved APHA 4500-Cl ⁻ B, 24 th Ed – Argentometric Method APHA 4500-NO ₃ ⁻ B, 24 th Ed – UV Spectrophotometric Screening Method Hach Method 8507:2019; USEPA Approved – Diazotization Method

		8. Chemical Oxygen Demand	Hach Method 8000:2021; USEPA Approved – Reactor Digestion
		9. Ammonia (as N)	Hach Method 8155:2015; USEPA Approved – Salicylate Method
		10. Total Reactive Phosphorus (as P)	Hach Method 8048:2018; USEPA Approved:2005; Equivalent to APHA 4500, 24 th Ed – P E
B.	Water	1. Apparent Colour	Hach Method 8025:2014; Adapted from APHA, 24 th Ed
		2. Total Dissolved Solids	APHA 2510 B, 24 th Ed – Electrometric Method
		3. Total Hardness (as CaCO ₃)	APHA 2340 C, 24 th Ed – EDTA Titrimetric Method
		4. Calcium Hardness (as CaCO ₃)	APHA 3500-Ca B, 24 th Ed – EDTA Titrimetric Method
		5. Magnesium Hardness	APHA 3500-Mg B, 24 th Ed – By Calculation
		6. Calcium	APHA 3500-Ca B, 24 th Ed – By Calculation
		7. Magnesium	APHA 3500-Mg B, 24 th Ed – By Calculation
		8. Total Organic Carbon	APHA 5310 B, 24 th Ed – High Temperature Combustion Method (Total Organic Carbon Analyzer)
		9. Sodium	ASTM D6919-03:2003 – Ion Chromatography
II.	Biological		
A.	Potable Water	1. Detection and Enumeration of Coliform Organisms and <i>E.coli</i>	APHA Method 9221 B:2023 & APHA Method 9221 F:2023
		2. Enumeration of <i>E.coli</i> and Coliform bacteria – Most Probable Number	ISO 9308-2:2012

Issued by the Mauritius Accreditation Service (MAURITAS)

Date: 07 November 2024

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Director of MAURITAS