National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : WEST FLOWING RIVERS WATER QUALITY LABORATORY, SOUTH WESTERN RIVER DIVISION, CENTRAL WATER COMMISSION, KOCHI, ERNAKULAM, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8103 **Page No** 1 of 1

Validity 26/04/2022 to 25/04/2024 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- WATER	Surface Water/ River water	Biological Oxygen Demand(BOD)	APHA 23rd Edition 5210 B @ 20° C; 5 Days BOD Test Method
2	CHEMICAL- WATER	Surface water/ River Water	Fluoride as F	APHA 23rd Edition 4500 F-C(ISE Method)
3	CHEMICAL- WATER	Surface Water/ River Water	Potassium as K	APHA 23rd Edition 3500 K-D(Flame Emission Photometric method)
4	CHEMICAL- WATER	Surface Water/ River water	Sodium as Na	APHA 23rd Edition 3500 Na-B (Flame Emission Photometric Method)
5	CHEMICAL- WATER	Surface Water/River water	Calcium as Ca	APHA 23rd Edition 3500 Ca-B(EDTA Titrimetric Method)
6	CHEMICAL- WATER	Surface Water/River Water	Chloride as Cl	APHA 23rd Edition 4500 Cl-B(Argentometric Method)
7	CHEMICAL- WATER	Surface water/River water	Conductivity	APHA 23rd edition-25010B (Laboratory Method)
8	CHEMICAL- WATER	Surface Water/River water	Dissolved Oxygen(DO)	APHA 23rd Edition 4500, O-C(Azide Modification Method)
9	CHEMICAL- WATER	Surface Water/River Water	Magnesium as Mg	APHA 23rd Edition 3500 Mg-B(Calculation Method)
10	CHEMICAL- WATER	Surface Water/River Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B(Titration Method)
11	CHEMICAL- WATER	Surface Water/River Water	Total Hardness as CaCO3	APHA 23rd Edition2340C(EDTA Titrimetric Method)
12	CHEMICAL- WATER	Surface/River Water	pH	APHA 23RD Edition-4500H+ B (Electrometric Method)