National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : EAST FLOWING RIVERS WATER QUALITY LABORATORY, HYDROLOGY DIVISION, NEER VALAM, R-81, TNHB COLONY, WEST VELACHERY, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10022 **Page No** 1 of 1

Validity 26/10/2021 to 25/10/2023 **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	Water (River Water)	Biochemical Oxygen Demand@27 degrees centigrade for 3 days	IS 3025 (Part 44): 1993 (Reaffirmed 2014)
2	CHEMICAL- WATER	Water (River Water)	Calcium as Ca	APHA 23rd Edn.2017 -- 3500Ca - B (EDTA Titrimetric Method)
3	CHEMICAL- WATER	Water (River Water)	Chloride as Cl	APHA 23rd Edn.2017 -- 4500Cl- B (Argentometric Method)
4	CHEMICAL- WATER	Water (River Water)	Conductivity @ 25 degrees centigrade	APHA 23rd Edn.2017 -- 2510 B (Laboratory Method)
5	CHEMICAL- WATER	Water (River Water)	Dissolved Oxygen	APHA 23rd Edn.2017 -- 4500, O-C(Azide Modification Method)
6	CHEMICAL- WATER	Water (River Water)	Fluoride as F	APHA 23rd Edn.2017 -- 4500 F- C (ISE Method)
7	CHEMICAL- WATER	Water (River Water)	Magnesium as Mg	APHA 23rd Edn.2017 -- 3500Mg - B (Calculation Method)
8	CHEMICAL- WATER	Water (River Water)	Nitrate as NO3	APHA 23rd Edn.2017 -- 4500 NO3- D (ISE Method)
9	CHEMICAL- WATER	Water (River Water)	pH @ 25 degrees centigrade	APHA 23rd Edn.2017 -- 4500H+ B (Electrometric Method)
10	CHEMICAL- WATER	Water (River Water)	Potassium as K	APHA 23rd Edn.2017 -- 3500 K- D (Flame Emission Photometric Method)
11	CHEMICAL- WATER	Water (River Water)	Sodium as Na	APHA 23rd Edn.2017 -- 3500 Na-B (Flame Emission Photometric Method)
12	CHEMICAL- WATER	Water (River Water)	Sulphate as SO4	APHA 23rd Edn.2017-- 4500 E (Turbidimetric Method)
13	CHEMICAL- WATER	Water (River Water)	Total alkalinity as CaCO3	APHA 23rd Edn.2017 -- 2320 B (Titrimetric Method)
14	CHEMICAL- WATER	Water (River Water)	Total Hardness as CaCO3	APHA 23rd Edn.2017 -- 2340 C (EDTA Titrimetric Method)