Hellenic Accreditation System

Annex F1/13 to the Certificate No **649**-5

SCOPE of ACCREDITATION

of the

Water and Wastewater Control Laboratory

of the

P.E.A. of North Aegean (Regional Development Company of North Aegean)

Tested materials and products	Types of test/ Properties to be measured	Applied standards/ Techniques to be used
	Chemical Tests	
Potable water	1. Determination of pH	ELOT 658:1983
	2. Determination of conductivity	APHA 2510-B*
	3.Determination of total hardness	APHA 2340 B*
	4. Determination of cations Na, K, Mg, NH_4 , Ca	ELOT EN ISO 14911:2000
	5 Determination of anions F, Cl, NO_3, SO_4	ISO 10304-1:2007
	6 . Determination of Antimony Sb	ELOT EN ISO 17294 1: 2007 ELOT EN ISO 17294-2: 2016
	7. Determination of Aluminium Al	ELOT EN ISO 17294 1: 2007 ELOT EN ISO 17294-2: 2016
	8. Determination of Arsenic As	ELOT EN ISO 17294 1: 2007 ELOT EN ISO 17294-2: 2016
	9. Determination of Cadmium Cd	ELOT EN ISO 17294 1: 2007 ELOT EN ISO 17294-2: 2016

Tested materials and products	Types of test/ Properties to be measured	Applied standards/ Techniques to be used
	10. Determination of Chromium Cr	ELOT EN ISO 17294 1: 2007 ELOT EN ISO 17294-2: 2016
	11. Determination of Copper Cu	ELOT EN ISO 17294 1: 2007 ELOT EN ISO 17294-2: 2016
	12. Determination of Iron Fe	ELOT EN ISO 17294 1: 2007 ELOT EN ISO 17294-2: 2016
	13. Determination of Mercury Hg	ELOT EN ISO 17294 1: 2007 ELOT EN ISO 17294-2: 2016
	14. Determination of Manganese Mn	ELOT EN ISO 17294 1: 2007 ELOT EN ISO 17294-2: 2016
	15. Determination of Nickel Ni	ELOT EN ISO 17294 1: 2007 ELOT EN ISO 17294-2: 2016
	16. Determination of Lead Pb	ELOT EN ISO 17294 1: 2007 ELOT EN ISO 17294-2: 2016
	17. Determination of Selenium Se	ELOT EN ISO 17294 1: 2007 ELOT EN ISO 17294-2: 2016
	18. Determination of Uranium U	ELOT EN ISO 17294 1: 2007 ELOT EN ISO 17294-2: 2016
	Microbiological Tests	
Potable, marine water	1. Enumeration of *Escherichia coli* and coliform bacteria.	ISO 9308-1:2014 /Amd.1:2016
	2. Detection and enumeration of intestinal enterococci.	ISO 7899-2:2000
Potable water	3. Enumeration of culturable microorganisms at 22 ^{0}C and 36 ^{0}C.	ISO 6222:1999
Potable, underground and surface	4. Enumeration of *Clostridium perfringens* (and spores)	ISO 14189 :2013

Site of assessment: **Permanent Laboratory premises, Karantoni 6 (Chemical Laboratory) and Pagani 1 (Microbiological Laboratory), Mytilene GR 81100, Lesbos, Greece**.

Approved signatories: **E. Kefalas, N. Goga.**
This Scope of Accreditation replaces the previous one dated 06.09.2022.
The Accreditation Certificate No **649**-5, to ELOT EN ISO/IEC 17025:2017, is valid until 03.01.2027.

Athens, 18.12.2023.

Christos Nestoras
CEO of ESYD