Hellenic Accreditation System

Annex F1/8 to the Certificate No. **1163**-3

SCOPE of ACCREDITATION

of the

Water and Wastewater Analysis Laboratory

of the

Municipal Enterprise for Water and Sewage of Chania (D.E.Y.A.Ch.)

Materials/Products tested	Types of test/Properties measured	Applied methods/Techniques used
Chemical Tests		
1. Drinking water of the city supply network. Raw groundwater and swimming pool water	1. Determination of pH	ELOT 658:1983
	2. Determination of conductivity	ELOT EN 27888:1993 modified[1]
	3. Determination of turbidity	ISO 7027:2016 Nephelometry
2. Drinking water of the city supply network and raw groundwater	1. Determination of Chromium, Nickel, Manganese	ΕΛΟΤ EN ISO 15586 : 2003
	2. Determination of Fluoride, Chloride, Nitrite, Nitrate, Sulphate	ΕΛΟΤ EN ISO 10304-1 :2007
3. Drinking water of the city supply network	Determination of Free Residual Chlorine	APHA *4500-CL G
Microbiological Tests		
Drinking water of the city supply network. Raw groundwater and swimming pool water	1. Enumeration of Coliforms bacteria and E. Coli	ISO 9308-1:2014/Amd.1:2016
	2. Detection and enumeration of intestinal enterococci	ISO 7899-2:2000
	3. Enumeration of culturable micro-organisms at 37 ºC and 22 ºC	ISO 6222:1999

Materials/Products tested	Types of test/Properties measured	Applied methods/Techniques used
Sampling		
Drinking water as it is delivered to the tap	1. Determination of microbiological parameters	ISO 19458:2006 ISO 5667-1:2020 ISO 5667-5:2006 ISO 5667-14:2014
	2. Determination of physicochemical parameters	ISO 5667-1:2023 ISO 5667-3:2018 ISO 5667-5:2006 ISO 5667-14:2014

[1] The modification concerns the temperature of measurement (20 ^{o}C in accordance with KYA Δ1(δ)/ΓΠ οικ. 27829 ΦΕΚ 3525/Β΄/2023)

**American Public Health Association, American Water Works Association, Water Environment Federation, "Standard Methods for the Examination of Water and Wastewater", 24th Edition, 2023*

Site of assessement: **Permanent laboratory premises - Wastewater Treatment Plant, Koumpeli, Chania, Crete, Greece**

Approved signatory: **Maraka Paraskevi**

This Scope of Accreditation replaces the previous one, dated 12.01.2024.
The Accreditation Certificate No. **1163**-3, according to ELOT EN ISO/IEC 17025:2017, is valid until 11.04.2028.

Athens, 16 Δεκεμβρίου 2024

Konstantinos Kourtalis
Chairman of ESYD