# Hellenic Accreditation System

Annex F1/11 to the Certificate No. **856**-4

# SCOPE of ACCREDITATION

of the

## Laboratories in Metamorfosis Attiki

of

## Laboratory Sewerage Analysis Department

of

## Athens Water Supply & Sewerage Company S.A. (EYDAP S.A.)

| Tested materials/ products | Types of test/ Properties to be measured | Applied Methods/ Techniques to be used |
|---|---|---|
| Chemical Testing | | |
| Industrial and domestic wastewater, wastewater treatment plant effluents, reuse water, surface water | 1. Determination of chemical oxygen demand (COD) | 1. MERCK 114540, 114541, 114691, 114555<br>2. HACH LCK 314, APC 314, LCK 514, APC 514, LCK 014, APC 014 |
| | 2. Determination of the total suspended solids (TSS) | APHA(*) 2540 D |
| | 3. Determination of total nitrogen | 1. MERCK 114537, 114763 |
| | 4. Determination of total phosphorus | 1. MERCK 114729 |
| | 5. Determination of orthophosphates | 1.MERCK 114729 |
| | 6. Determination of hexavalent Cr | MERCK 114552 |
| | 7. Determination of pH | APHA(*) 4500 - H+ B. |
| | 8. Determination of color | MERCK 32 |
| | 9. Determination of ammonium nitrogen | 1. MERCK 114739, 114544 |
| | 10. Determination of ammonium | 1. MERCK 114739, 114544 |
| | 11. Determination of nitrogen nitrates | 1. MERCK 114563 |

| Tested materials/ products | Types of test/ Properties to be measured | Applied Methods/ Techniques to be used |
|---|---|---|
| Industrial and domestic wastewater, wastewater treatment plant effluents, reuse water, surface water (cont'd) | 12. Determination of nitrates | 1. MERCK 114563 |
| | 13. Determination of cyanide | MERCK 114561 |
| Microbiological Testing | | |
| Treatment Plant effluents | 1. Detection and enumeration of total coliforms and E.coli | EPA 1604:2002 |
| | 2. Enumeration of fecal coliforms | APHA (*) 9222 D |

(*)*APHA: Standard Methods for the Examination of Water and Wastewater, 23st Ed., 2017*

Site of assessment : **Laboratory permanent premises, 13,5 Athens -Lamia Nat. Road, 14451 Metamorphosi, Attiki, Greece.**
Approved signatories: **D. Tsigalou, M. Psaroudi, Ch. Tourikas, E. Aidini.**

This scope of Accreditation replaces the previous one dated 10.06.2024.
The Accreditation Certificate No. **856**-4, to ELOT EN ISO/IEC 17025:2017, is extended until 11.02.2025.

Athens, 10.12.2024

Konstantinos Kourtalis
*Chairman of ESYD*