



THESSALONIKI WATER SUPPLY & SEWAGE SA  
LABORATORY OF WATER TREATMENT PLANT

AREA: PEFKA

Sampling date: 04 - 11 - 2025

| Physicochemical Parameters | Units                 | Measured Value      | Parametric Value <sup>1</sup>                  |
|----------------------------|-----------------------|---------------------|------------------------------------------------|
| Turbidity                  | NTU                   | <0.050 <sup>3</sup> | <1.0                                           |
| Colour                     | PCU                   | <5 <sup>3</sup>     | Acceptable to consumers and no abnormal change |
| Aluminium                  | µg Al/l               | 33                  | 200                                            |
| Chlorides                  | mg Cl <sup>-</sup> /l | NA <sup>5</sup>     | 250                                            |
| Conductivity               | µS/cm at 20°C         | 379                 | 2500                                           |
| pH                         | pH units              | 7.8                 | ≥6.5 και ≤9.5                                  |
| Residual chlorine          | mg/l                  | 0.35                | ≥0.2 <sup>2</sup>                              |
| Microbiological Parameters | Units                 | Measured Value      | Parametric Value <sup>1</sup>                  |
| Coliforms                  | CFU / 100ml           | ND <sup>4</sup>     | 0                                              |
| Escherichia coli (E.coli)  | CFU / 100ml           | ND <sup>4</sup>     | 0                                              |
| Enterococci                | CFU / 100ml           | ND <sup>4</sup>     | 0                                              |
| Colony count at 22°C       | CFU/ml                | <1 <sup>4</sup>     | No abnormal change                             |
| Sensorial Parameters       | Units                 | Measured Value      | Parametric Value <sup>1</sup>                  |
| Odour                      |                       | Acceptable          | Acceptable to consumers and no abnormal change |
| Taste                      |                       | Acceptable          | Acceptable to consumers and no abnormal change |

<sup>1</sup> GOVERNMENT GAZETTE 3525/B'/25-05-2023, "Quality of water intended for human consumption".

<sup>2</sup> GOVERNMENT GAZETTE 5 B'/9-1-1958, "Disinfection of water".

<sup>3</sup> Limit of Quantification.

<sup>4</sup> According to ISO 8199:2018:

No colonies: <1 : "Not detected in the analytical test portion" (ND).

1-2 colonies: "Microorganisms are present in the volume studied".

3-9 colonies: "Estimated number in the volume studied".

<sup>5</sup> Not applicable according to Government Gazette 3525/B'/25-05-2023