

**ATHENS-CLARKE COUNTY  
J.G BEACHAM WATER TREATMENT PLANT  
800 WATERWORKS DRIVE  
ATHENS, GEORGIA 30601  
PHONE: (706) 613-3481 FAX: (706) 613-3477**

**ROUTINE TAP WATER ANALYSIS**

**QUARTER:** FOURTH QUARTER

|                                 |                           |                        |                              |
|---------------------------------|---------------------------|------------------------|------------------------------|
| <b>LABORATORY I.D. NUMBER :</b> | <u>001</u>                | <b>SAMPLE SITE :</b>   | <u>OPERATOR'S LABORATORY</u> |
| <b>REPORT NUMBER :</b>          | <u>10/12/2023-04</u>      | <b>DATE SAMPLED :</b>  | <u>10/12/2023</u>            |
| <b>ANALYZED BY :</b>            | <u>Y.Chapman/B.Wilson</u> | <b>DATE RECEIVED :</b> | <u>10/12/2023</u>            |
| <b>COLLECTED BY :</b>           | <u>Y.Chapman/B.Wilson</u> | <b>DATE REPORTED :</b> | <u>10/14/2023</u>            |

THE WATER WAS ANALYZED ACCORDING TO "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER" LATEST EDITION, APHA, AWWA, AND WPCF.

**RESULTS**

**RESULTS EXPRESSED IN MG/L UNLESS INDICATED OTHERWISE**

|                               |                                   |                                 |                |
|-------------------------------|-----------------------------------|---------------------------------|----------------|
| <b>pH</b>                     | <u>7.33 SU</u>                    | <b>TOTAL PHOSPHATE</b>          | <u>0.83</u>    |
| <b>ALKALINITY</b>             | <u>32</u>                         | <b>HETEROTROPIC PLATE COUNT</b> | <u>0 CFU's</u> |
| <b>CONDUCTIVITY</b>           | <u>162.8 <math>\mu</math>S/cm</u> | <b>CHLORINE</b>                 | <u>1.28</u>    |
| <b>TOTAL DISSOLVED SOLIDS</b> | <u>81.4</u>                       | <b>POTASSIUM</b>                | <u>2.8</u>     |
| <b>ALUMINUM</b>               | <u>0.037</u>                      | <b>TONS</b>                     | <u>0.0</u>     |
| <b>TOTAL HARDNESS</b>         | <u>30</u>                         | <b>FLUORIDE</b>                 | <u>0.94</u>    |
| <b>NITROGEN NITRATE</b>       | <u>1.8</u>                        | <b>CALCIUM</b>                  | <u>10.4</u>    |
| <b>NITROGEN AMMONIA</b>       | <u>0</u>                          | <b>CALCIUM HARDNESS</b>         | <u>26</u>      |
| <b>COLIFORM BACTERIA</b>      | <u>0</u>                          | <b>MAGNESIUM</b>                | <u>0.976</u>   |
| <b>TEMPERATURE</b>            | <u>19.2°C</u>                     | <b>pHS</b>                      | <u>9.39</u>    |
| <b>CARBON DIOXIDE</b>         | <u>3.50</u>                       | <b>LANGELIER INDEX</b>          | <u>-2.06</u>   |
| <b>MANGANESE</b>              | <u>0.000</u>                      | <b>IRON</b>                     | <u>0</u>       |
| <b>ZINC</b>                   | <u>0</u>                          | <b>SODIUM</b>                   | <u>0</u>       |
| <b>CHLORIDE</b>               | <u>16.0</u>                       | <b>HYDROGEN SULFIDE</b>         | <u>0</u>       |
| <b>TURBIDITY</b>              | <u>0.07 NTU's</u>                 | <b>SULFATE</b>                  | <u>2.0</u>     |