

**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: SECOND QUARTER**

LABORATORY I.D. NUMBER :	<u>001</u>	SAMPLE SITE :	<u>OPERATOR'S LABORATORY</u>
REPORT NUMBER :	<u>4/27/2023-01</u>	DATE SAMPLED :	<u>4/27/2023</u>
ANALYZED BY :	<u>P.Gannon</u>	DATE RECEIVED :	<u>4/27/2023</u>
COLLECTED BY :	<u>P.Gannon</u>	DATE REPORTED :	<u>4/29/2023</u>

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

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**RESULTS**

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

<b>pH</b>	<u>7.67 SU</u>	<b>TOTAL PHOSPHATE</b>	<u>0.91</u>
<b>ALKALINITY</b>	<u>22</u>	<b>HETEROTROPIC PLATE COUNT</b>	<u>0 CFU's</u>
<b>CONDUCTIVITY</b>	<u>109.8 <math>\mu</math>s/cm</u>	<b>CHLORINE</b>	<u>1.50</u>
<b>TOTAL DISSOLVED SOLIDS</b>	<u>54.7</u>	<b>POTASSIUM</b>	<u>1.9</u>
<b>ALUMINUM</b>	<u>0.029</u>	<b>TONS</b>	<u>1.0</u>
<b>TOTAL HARDNESS</b>	<u>30</u>	<b>FLUORIDE</b>	<u>0.69</u>
<b>NITROGEN NITRATE</b>	<u>1.6</u>	<b>CALCIUM</b>	<u>8.0</u>
<b>NITROGEN AMMONIA</b>	<u>0.03</u>	<b>CALCIUM HARDNESS</b>	<u>20</u>
<b>COLIFORM BACTERIA</b>	<u>Negative</u>	<b>MAGNESIUM</b>	<u>2.4</u>
<b>TEMPERATURE</b>	<u>18.0°C</u>	<b>pHS</b>	<u>9.58</u>
<b>CARBON DIOXIDE</b>	<u>3.50</u>	<b>LANGEIER INDEX</b>	<u>-1.91</u>
<b>MANGANESE</b>	<u>0</u>	<b>IRON</b>	<u>0</u>
<b>ZINC</b>	<u>0.04</u>	<b>SODIUM</b>	<u>11.27</u>
<b>CHLORIDE</b>	<u>12.0</u>	<b>HYDROGEN SULFIDE</b>	<u>0</u>
<b>TURBIDITY</b>	<u>0.09 NTU's</u>	<b>SULFATE</b>	<u>2.0</u>