

**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: THIRD QUARTER**

LABORATORY I.D. NUMBER :	<u>001</u>	SAMPLE SITE :	<u>OPERATOR'S LABORATORY</u>
REPORT NUMBER :	<u>7/11/2023-01</u>	DATE SAMPLED :	<u>7/11/2023</u>
ANALYZED BY :	<u>Bwilson</u>	DATE RECEIVED :	<u>7/11/2023</u>
COLLECTED BY :	<u>Bwilson</u>	DATE REPORTED :	<u>7/13/2023</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**

pH	<u>7.21 SU</u>	TOTAL PHOSPHATE	<u>0.87</u>
ALKALINITY	<u>24</u>	HETEROTROPHIC PLATE COUNT	<u>0 CFU's</u>
CONDUCTIVITY	<u>155.2 <math>\mu</math>s/cm</u>	CHLORINE	<u>1.23</u>
TOTAL DISSOLVED SOLIDS	<u>77.6</u>	POTASSIUM	<u>3.2</u>
ALUMINUM	<u>0</u>	TONS	<u>0</u>
TOTAL HARDNESS	<u>48</u>	FLUORIDE	<u>0.82</u>
NITROGEN NITRATE	<u>1.5</u>	CALCIUM	<u>4.8</u>
NITROGEN AMMONIA	<u>0</u>	CALCIUM HARDNESS	<u>24</u>
COLIFORM BACTERIA	<u>Negative</u>	MAGNESIUM	<u>5.9</u>
TEMPERATURE	<u>23.3°C</u>	pHS	<u>9.46</u>
CARBON DIOXIDE	<u>3.50</u>	LANGEIER INDEX	<u>-2.25</u>
MANGANESE	<u>0.017</u>	IRON	<u>0.01</u>
ZINC	<u>0.04</u>	SODIUM	<u>0</u>
CHLORIDE	<u>16.0</u>	HYDROGEN SULFIDE	<u>0</u>
TURBIDITY	<u>0.10 NTU's</u>	SULFATE	<u>22</u>