

**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>10-04-2019-04</u>	<b>DATE SAMPLED :</b>	<u>10/4/2019</u>
<b>ANALYZED BY :</b>	<u>M. Huk/B. Wilson</u>	<b>DATE RECEIVED :</b>	<u>10/4/2019</u>
<b>COLLECTED BY :</b>	<u>M. Huk/B. Wilson</u>	<b>DATE REPORTED :</b>	<u>10/6/2019</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>7.50 SU</u>	<b>TOTAL PHOSPHATE</b>	<u>0.94</u>
<b>ALKALINITY</b>	<u>40</u>	<b>HETEROTROPIC PLATE COUNT</b>	<u>0 CFU's</u>
<b>CONDUCTIVITY</b>	<u>134.3 <math>\mu</math>s/cm</u>	<b>CHLORINE</b>	<u>1.40</u>
<b>TOTAL DISSOLVED SOLIDS</b>	<u>67.2</u>	<b>POTASSIUM</b>	<u>2.4</u>
<b>ALUMINUM</b>	<u>0.053</u>	<b>TONS</b>	<u>0</u>
<b>TOTAL HARDNESS</b>	<u>38</u>	<b>FLUORIDE</b>	<u>0.53</u>
<b>NITROGEN NITRATE</b>	<u>1.3</u>	<b>CALCIUM</b>	<u>11.2</u>
<b>NITROGEN AMMONIA</b>	<u>0.01</u>	<b>CALCIUM HARDNESS</b>	<u>28</u>
<b>COLIFORM BACTERIA</b>	<u>0</u>	<b>MAGNESIUM</b>	<u>2.44</u>
<b>TEMPERATURE</b>	<u>24.5°C</u>	<b>pHS</b>	<u>9.20</u>
<b>CARBON DIOXIDE</b>	<u>2.5</u>	<b>LANGEIER INDEX</b>	<u>-1.70</u>
<b>MANGANESE</b>	<u>-0.010</u>	<b>IRON</b>	<u>0.01</u>
<b>ZINC</b>	<u>0.07</u>	<b>SODIUM</b>	<u>0</u>
<b>CHLORIDE</b>	<u>12.5</u>	<b>HYDROGEN SULFIDE</b>	<u>0</u>
<b>TURBIDITY</b>	<u>0.18 NTU's</u>	<b>SULFATE</b>	<u>16</u>