

**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**

<b>LABORATORY I.D. NUMBER :</b>	<u>001</u>	<b>SAMPLE SITE :</b>	<u>OPERATOR'S LABORATORY</u>
<b>REPORT NUMBER :</b>	<u>04-11-2018-02</u>	<b>DATE SAMPLED :</b>	<u>4/9/2018</u>
<b>ANALYZED BY :</b>	<u>B. Wilson</u>	<b>DATE RECEIVED :</b>	<u>4/9/2018</u>
<b>COLLECTED BY :</b>	<u>B. Wilson</u>	<b>DATE REPORTED :</b>	<u>4/11/2018</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>7.52 S.U.</u>	<b>TOTAL PHOSPHATE</b>	<u>0.93</u>
<b>ALKALINITY</b>	<u>29</u>	<b>HETEROTROPIC PLATE COUNT</b>	<u>0 CFU'S</u>
<b>CONDUCTIVITY</b>	<u>122.5 <math>\mu</math>s/m</u>	<b>CHLORINE</b>	<u>1.60</u>
<b>TOTAL DISSOLVED SOLIDS</b>	<u>61.2</u>	<b>POTASSIUM</b>	<u>1.8</u>
<b>ALUMINUM</b>	<u>0.0</u>	<b>TONS</b>	<u>0</u>
<b>TOTAL HARDNESS</b>	<u>42</u>	<b>FLUORIDE</b>	<u>0.89</u>
<b>NITROGEN NITRATE</b>	<u>1.6</u>	<b>CALCIUM</b>	<u>10.0</u>
<b>NITROGEN AMMONIA</b>	<u>0.01</u>	<b>CALCIUM HARDNESS</b>	<u>24</u>
<b>COLIFORM BACTERIA</b>	<u>0</u>	<b>MAGNESIUM</b>	<u>4.40</u>
<b>TEMPERATURE</b>	<u>17.9°C</u>	<b>pHS</b>	<u>9.39</u>
<b>CARBON DIOXIDE</b>	<u>1.5</u>	<b>LANGEIER INDEX</b>	<u>-1.87</u>
<b>MANGANESE</b>	<u>0.006</u>	<b>IRON</b>	<u>0</u>
<b>ZINC</b>	<u>0.03</u>	<b>SODIUM</b>	<u>1.77</u>
<b>CHLORIDE</b>	<u>27.0</u>	<b>HYDROGEN SULFIDE</b>	<u>0</u>
<b>TURBIDITY</b>	<u>0.10 NTU's</u>	<b>SULFATE</b>	<u>0</u>