

**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>4</u>	<b>DATE SAMPLED :</b>	<u>10/1/2018</u>
<b>ANALYZED BY :</b>	<u>RAFAEL R. MÉNDEZ</u>	<b>DATE RECEIVED :</b>	<u>10/1/2018</u>
<b>COLLECTED BY :</b>	<u>RAFAEL R. MÉNDEZ</u>	<b>DATE REPORTED :</b>	<u>10/3/2018</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>7.40 SU</u>	<b>TOTAL PHOSPHATE</b>	<u>0.78</u>
<b>ALKALINITY</b>	<u>23</u>	<b>HETEROTROPHIC PLATE COUNT</b>	<u>0 CFU'S</u>
<b>CONDUCTIVITY</b>	<u>140.4</u>	<b>CHLORINE</b>	<u>1.44</u>
<b>TOTAL DISSOLVED SOLIDS</b>	<u>70.0</u>	<b>POTASSIUM</b>	<u>3.8</u>
<b>ALUMINUM</b>	<u>0.020</u>	<b>TONS</b>	<u>0</u>
<b>TOTAL HARDNESS</b>	<u>44</u>	<b>FLUORIDE</b>	<u>0.67</u>
<b>NITROGEN NITRATE</b>	<u>1.1</u>	<b>CALCIUM</b>	<u>12</u>
<b>NITROGEN AMMONIA</b>	<u>0</u>	<b>CALCIUM HARDNESS</b>	<u>30</u>
<b>COLIFORM BACTERIA</b>	<u>0</u>	<b>MAGNESIUM</b>	<u>3.4</u>
<b>TEMPERATURE</b>	<u>24.1°C</u>	<b>pHS</b>	<u>9.3</u>
<b>CARBON DIOXIDE</b>	<u>1.8</u>	<b>LANGELIER INDEX</b>	<u>-1.90</u>
<b>MANGANESE</b>	<u>0.004</u>	<b>IRON</b>	<u>0.010</u>
<b>ZINC</b>	<u>1.79</u>	<b>SODIUM</b>	<u>0</u>
<b>CHLORIDE</b>	<u>24.3</u>	<b>HYDROGEN SULFIDE</b>	<u>0</u>
<b>TURBIDITY</b>	<u>.20 NTU's</u>	<b>SULFATE</b>	<u>25</u>