

**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>10/1/2015</u>
<b>ANALYZED BY :</b> <u>RAFAEL R. MÉNDEZ</u>	<b>DATE RECEIVED :</b> <u>10/1/2015</u>
<b>COLLECTED BY :</b> <u>RAFAEL R. MÉNDEZ</u>	<b>DATE REPORTED :</b> <u>10/5/2015</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>7.35 S.U.</u>	<b>TOTAL PHOSPHATE</b>	<u>0.68</u>
<b>ALKALINITY</b>	<u>28</u>	<b>HETEROTROPIC PLATE COUNT</b>	<u>0 CFU'S</u>
<b>CONDUCTIVITY</b>	<u>140.2</u>	<b>CHLORINE</b>	<u>1.31</u>
<b>TOTAL DISSOLVED SOLIDS</b>	<u>70.10</u>	<b>POTASSIUM</b>	<u>1.5</u>
<b>ALUMINUM</b>	<u>0</u>	<b>TONS</b>	<u>1</u>
<b>TOTAL HARDNESS</b>	<u>32</u>	<b>FLUORIDE</b>	<u>0.73</u>
<b>NITROGEN NITRATE</b>	<u>1.4</u>	<b>CALCIUM</b>	<u>18</u>
<b>NITROGEN AMMONIA</b>	<u>0.05</u>	<b>CALCIUM HARDNESS</b>	<u>40</u>
<b>COLIFORM BACTERIA</b>	<u>0</u>	<b>MAGNESIUM</b>	<u>0</u>
<b>TEMPERATURE</b>	<u>23.0°C</u>	<b>pHS</b>	<u>9.0</u>
<b>CARBON DIOXIDE</b>	<u>2.64</u>	<b>LANGELIER INDEX</b>	<u>-1.63</u>
<b>MANGANESE</b>	<u>0.006</u>	<b>IRON</b>	<u>0.010</u>
<b>LEAD</b>	<u>0.0032</u>	<b>SODIUM</b>	<u>2.45</u>
<b>COPPER</b>	<u>0.10</u>	<b>HYDROGEN SULFIDE</b>	<u>0</u>
<b>ZINC</b>	<u>0.04</u>	<b>TRIHALOMETHANES</b>	<u>0.025</u>
<b>CHLORIDE</b>	<u>0</u>	<b>SULFATE</b>	<u>2.44</u>
<b>TURBIDITY</b>	<u>.21NTU'S</u>		