

**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**

LABORATORY I.D. NUMBER :	<u>001</u>	SAMPLE SITE :	<u>OPERATOR'S LABORATORY</u>
REPORT NUMBER :	<u>10-07-2016-04</u>	DATE SAMPLED :	<u>10/5/2016</u>
ANALYZED BY :	<u>Rafael Rivera-Mendez</u>	DATE RECEIVED :	<u>10/5/2016</u>
COLLECTED BY :	<u>Rafael Rivera-Mendez</u>	DATE REPORTED :	<u>10/7/2016</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>7.16 S.U.</u>	<b>TOTAL PHOSPHATE</b>	<u>0.72</u>
<b>ALKALINITY</b>	<u>25</u>	<b>HETEROTROPIC PLATE COUNT</b>	<u>0 CFU's</u>
<b>CONDUCTIVITY</b>	<u>167.2 <math>\mu</math>s/cm</u>	<b>CHLORINE</b>	<u>1.44</u>
<b>TOTAL DISSOLVED SOLIDS</b>	<u>83.5</u>	<b>POTASSIUM</b>	<u>3.4</u>
<b>ALUMINUM</b>	<u>0.016</u>	<b>TONS</b>	<u>0</u>
<b>TOTAL HARDNESS</b>	<u>40</u>	<b>FLUORIDE</b>	<u>0.75</u>
<b>NITROGEN NITRATE</b>	<u>1.5</u>	<b>CALCIUM</b>	<u>21.6</u>
<b>NITROGEN AMMONIA</b>	<u>0.04</u>	<b>CALCIUM HARDNESS</b>	<u>54</u>
<b>COLIFORM BACTERIA</b>	<u>0</u>	<b>MAGNESIUM</b>	<u>0</u>
<b>TEMPERATURE</b>	<u>14.0°C</u>	<b>pHS</b>	<u>9.30</u>
<b>CARBON DIOXIDE</b>	<u>6.16</u>	<b>LANGEIER INDEX</b>	<u>-2.14</u>
<b>MANGANESE</b>	<u>0.003</u>	<b>IRON</b>	<u>0.020</u>
<b>ZINC</b>	<u>1.03</u>	<b>SODIUM</b>	<u>2.11</u>
<b>CHLORIDE</b>	<u>17.5</u>	<b>HYDROGEN SULFIDE</b>	<u>0</u>
<b>TURBIDITY</b>	<u>0.15 NTU's</u>	<b>SULFATE</b>	<u>16</u>