

**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:** FIRST QUARTER

<b>LABORATORY I.D. NUMBER :</b> <u>001</u>	<b>SAMPLE SITE :</b> <u>OPERATOR'S LABORATORY</u>
<b>REPORT NUMBER :</b> <u>2/2/2021-01</u>	<b>DATE SAMPLED :</b> <u>1/31/2021</u>
<b>ANALYZED BY :</b> <u>RRMENDEZ</u>	<b>DATE RECEIVED :</b> <u>1/31/2021</u>
<b>COLLECTED BY :</b> <u>RRMENDEZ</u>	<b>DATE REPORTED :</b> <u>2/2/2021</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>7.59 SU</u>	<b>TOTAL PHOSPHATE</b> <u>0.54</u>
<b>ALKALINITY</b> <u>21</u>	<b>HETEROTROPIC PLATE COUNT</b> <u>0 CFU's</u>
<b>CONDUCTIVITY</b> <u>109.0 µs/cm</u>	<b>CHLORINE</b> <u>1.49</u>
<b>TOTAL DISSOLVED SOLIDS</b> <u>54.6</u>	<b>POTASSIUM</b> <u>2.1</u>
<b>ALUMINUM</b> <u>0.015</u>	<b>TONS</b> <u>0</u>
<b>TOTAL HARDNESS</b> <u>42</u>	<b>FLUORIDE</b> <u>0.58</u>
<b>NITROGEN NITRATE</b> <u>2.1</u>	<b>CALCIUM</b> <u>10.8</u>
<b>NITROGEN AMMONIA</b> <u>0</u>	<b>CALCIUM HARDNESS</b> <u>26</u>
<b>COLIFORM BACTERIA</b> <u>0</u>	<b>MAGNESIUM</b> <u>3.9</u>
<b>TEMPERATURE</b> <u>13.8°C</u>	<b>pHS</b> <u>9.67</u>
<b>CARBON DIOXIDE</b> <u>1.80</u>	<b>LANGELIER INDEX</b> <u>-2.09</u>
<b>MANGANESE</b> <u>0.015</u>	<b>IRON</b> <u>0.05</u>
<b>ZINC</b> <u>0</u>	<b>SODIUM</b> <u>3.80</u>
<b>CHLORIDE</b> <u>11.5</u>	<b>HYDROGEN SULFIDE</b> <u>0</u>
<b>TURBIDITY</b> <u>0.13 NTU's</u>	<b>SULFATE</b> <u>9.3</u>