

**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:** THIRD QUARTER 2013

<b>LABORATORY I.D. NUMBER :</b> <u>001</u>	<b>SAMPLE SITE :</b> <u>Operator's Laboratory</u>
<b>REPORT NUMBER :</b> <u>3</u>	<b>DATE SAMPLED :</b> <u>7/1/2013</u>
<b>ANALYZED BY :</b> <u>RRMendez</u>	<b>DATE RECEIVED :</b> <u>7/1/2013</u>
<b>COLLECTED BY :</b> <u>RRMendez</u>	<b>DATE REPORTED :</b> <u>7/3/2013</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**

pH	<u>7.40 SU</u>	TOTAL PHOSPHATE	<u>0.38</u>
ALKALINITY	<u>27</u>	HETEROTROPIC PLATE COUNT	<u>0 CFU'S</u>
CONDUCTIVITY	<u>128.2</u>	CHLORINE	<u>1.42</u>
TOTAL DISSOLVED SOLIDS	<u>64.2</u>	POTASSIUM	<u>1.2</u>
ALUMINUM	<u>0.004</u>	TONS	<u>0</u>
TOTAL HARDNESS	<u>48</u>	FLUORIDE	<u>0.66</u>
NITROGEN NITRATE	<u>1.7</u>	CALCIUM	<u>10</u>
NITROGEN AMMONIA	<u>0.02</u>	CALCIUM HARDNESS	<u>25</u>
COLIFORM BACTERIA	<u>0</u>	MAGNESIUM	<u>5.6</u>
TEMPERATURE	<u>24.6 C</u>	pHS	<u>9.3</u>
CARBON DIOXIDE	<u>10.5</u>	LANGELIER INDEX	<u>-1.87</u>
MANGANESE	<u>0.003</u>	IRON	<u>0.024</u>
LEAD	<u>0.0025</u>	SODIUM	<u>5.44</u>
COPPER	<u>0.074</u>	HYDROGEN SULFIDE	<u>0</u>
ZINC	<u>0.043</u>	TRIHALOMETHANES	<u>0.038</u>
CHLORIDE	<u>11.5</u>	SULFATE	<u>3.6</u>
TURBIDITY	<u>0.20 NTU'S</u>		