

**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**

LABORATORY I.D. NUMBER :	<u>001</u>	SAMPLE SITE :	<u>OPERATOR'S LABORATORY</u>
REPORT NUMBER :	<u>07-09-2016-03</u>	DATE SAMPLED :	<u>7/6/2016</u>
ANALYZED BY :	<u>Rafael Rivera-Mendez</u>	DATE RECEIVED :	<u>7/6/2016</u>
COLLECTED BY :	<u>Rafael Rivera-Mendez</u>	DATE REPORTED :	<u>7/9/2016</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**

pH	<u>7.32</u>	TOTAL PHOSPHATE	<u>0.75</u>
ALKALINITY	<u>30</u>	HETEROTROPHIC PLATE COUNT	<u>0</u>
CONDUCTIVITY	<u>137.0</u>	CHLORINE	<u>1.06</u>
TOTAL DISSOLVED SOLIDS	<u>68.5</u>	POTASSIUM	<u>1.70</u>
ALUMINUM	<u>0.015</u>	TONS	<u>0</u>
TOTAL HARDNESS	<u>57</u>	FLUORIDE	<u>0.82</u>
NITROGEN NITRATE	<u>1.3</u>	CALCIUM	<u>26</u>
NITROGEN AMMONIA	<u>0.04</u>	CALCIUM HARDNESS	<u>30</u>
COLIFORM BACTERIA	<u>0</u>	MAGNESIUM	<u>6.59</u>
TEMPERATURE	<u>28°C</u>	pHS	<u>7.80</u>
CARBON DIOXIDE	<u>3.52</u>	LANGEIER INDEX	<u>-0.48</u>
MANGANESE	<u>0.003</u>	IRON	<u>0.01</u>
ZINC	<u>0.16</u>	SODIUM	<u>1.48</u>
CHLORIDE	<u>16.5</u>	HYDROGEN SULFIDE	<u>0</u>
TURBIDITY	<u>0.17</u>	SULFATE	<u>24.5</u>