

**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 2015

| | | | |
|--------------------------|-------------------------|-----------------|------------------------------|
| LABORATORY I.D. NUMBER : | <u>001</u> | SAMPLE SITE : | <u>OPERATOR'S LABORATORY</u> |
| REPORT NUMBER : | <u>3</u> | DATE SAMPLED : | <u>7/10/2015</u> |
| ANALYZED BY : | <u>Rafael R. Mendez</u> | DATE RECEIVED : | <u>7/10/2015</u> |
| COLLECTED BY : | <u>Rafael R. Mendez</u> | DATE REPORTED : | <u>7/13/2015</u> |

THE WATER WAS ANALYZED ACCORDING TO "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER" LATEST EDITION, APHA, AWWA, AND WPCF.

RESULTS

RESULTS EXPRESSED IN MG/L UNLESS INDICATED OTHERWISE

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|------------------------|-------------------|--------------------------|----------------|
| pH | <u>7.61 SU</u> | TOTAL PHOSPHATE | <u>0.56</u> |
| ALKALINITY | <u>26</u> | HETEROTROPIC PLATE COUNT | <u>0 CFU'S</u> |
| CONDUCTIVITY | <u>136.2</u> | CHLORINE | <u>1.26</u> |
| TOTAL DISSOLVED SOLIDS | <u>67.6</u> | POTASSIUM | <u>1.40</u> |
| ALUMINUM | <u>0</u> | TONS | <u>1</u> |
| TOTAL HARDNESS | <u>36</u> | FLUORIDE | <u>0.80</u> |
| NITROGEN NITRATE | <u>1.2</u> | CALCIUM | <u>15.1</u> |
| NITROGEN AMMONIA | <u>0.02</u> | CALCIUM HARDNESS | <u>35</u> |
| COLIFORM BACTERIA | <u>0</u> | MAGNESIUM | <u>0.24</u> |
| TEMPERATURE | <u>27°C</u> | pHS | <u>9.07</u> |
| CARBON DIOXIDE | <u>2.68</u> | LANGEIER INDEX | <u>-1.46</u> |
| MANGANESE | <u>0.004</u> | IRON | <u>0</u> |
| ZINC | <u>0.042</u> | SODIUM | <u>7.4</u> |
| CHLORIDE | <u>0</u> | HYDROGEN SULFIDE | <u>0</u> |
| TURBIDITY | <u>0.18 NTU'S</u> | TRIHALOMETHANES | <u>0.025</u> |
| | | SULFATE | <u>2.30</u> |