

**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

| | | | |
|---------------------------------|----------------------|------------------------|------------------------------|
| LABORATORY I.D. NUMBER : | <u>001</u> | SAMPLE SITE : | <u>OPERATOR'S LABORATORY</u> |
| REPORT NUMBER : | <u>01-05-2017-01</u> | DATE SAMPLED : | <u>1/3/2017</u> |
| ANALYZED BY : | <u>RRMendez</u> | DATE RECEIVED : | <u>1/3/2017</u> |
| COLLECTED BY : | <u>RRMendez</u> | DATE REPORTED : | <u>1/5/2017</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>7.93 S.U.</u> | TOTAL PHOSPHATE | <u>0.76</u> |
| ALKALINITY | <u>28</u> | HETEROTROPIC PLATE COUNT | <u>0 CFU'S</u> |
| CONDUCTIVITY | <u>125.6 μs/cm</u> | CHLORINE | <u>1.36</u> |
| TOTAL DISSOLVED SOLIDS | <u>62.8</u> | POTASSIUM | <u>2.3</u> |
| ALUMINUM | <u>0.010</u> | TONS | <u>0</u> |
| TOTAL HARDNESS | <u>49</u> | FLUORIDE | <u>0.70</u> |
| NITROGEN NITRATE | <u>1.8</u> | CALCIUM | <u>24</u> |
| NITROGEN AMMONIA | <u>0</u> | CALCIUM HARDNESS | <u>52</u> |
| COLIFORM BACTERIA | <u>0</u> | MAGNESIUM | <u>0</u> |
| TEMPERATURE | <u>12°C</u> | pHS | <u>8.70</u> |
| CARBON DIOXIDE | <u>3.66</u> | LANGELIER INDEX | <u>-0.77</u> |
| MANGANESE | <u>0.010</u> | IRON | <u>0.010</u> |
| ZINC | <u>1.13</u> | SODIUM | <u>1.9</u> |
| CHLORIDE | <u>12.60</u> | HYDROGEN SULFIDE | <u>0</u> |
| TURBIDITY | <u>0.18 NTUs</u> | SULFATE | <u>0.07</u> |