

**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: FOURTH QUARTER

| | | | |
|--------------------------|------------------------------|-----------------|------------------------------|
| LABORATORY I.D. NUMBER : | <u>001</u> | SAMPLE SITE : | <u>OPERATOR'S LABORATORY</u> |
| REPORT NUMBER : | <u>10-04-2017-04</u> | DATE SAMPLED : | <u>10/4/2017</u> |
| ANALYZED BY : | <u>R. Rmendez/ B. Wilson</u> | DATE RECEIVED : | <u>10/4/2017</u> |
| COLLECTED BY : | <u>R. Rmendez/ B. Wilson</u> | DATE REPORTED : | <u>10/4/2017</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>7.43 S.U.</u> | TOTAL PHOSPHATE | <u>0.57</u> |
| ALKALINITY | <u>37</u> | HETEROTROPIC PLATE COUNT | <u>0 CFU'S</u> |
| CONDUCTIVITY | <u>126.2 μs/m</u> | CHLORINE | <u>1.29</u> |
| TOTAL DISSOLVED SOLIDS | <u>63.1</u> | POTASSIUM | <u>2.7</u> |
| ALUMINUM | <u>0.003</u> | TONS | <u>0</u> |
| TOTAL HARDNESS | <u>38</u> | FLUORIDE | <u>0.64</u> |
| NITROGEN NITRATE | <u>1.3</u> | CALCIUM | <u>22.4</u> |
| NITROGEN AMMONIA | <u>0.02</u> | CALCIUM HARDNESS | <u>56</u> |
| COLIFORM BACTERIA | <u>0</u> | MAGNESIUM | <u>4.39</u> |
| TEMPERATURE | <u>21.4°C</u> | pHS | <u>8.86</u> |
| CARBON DIOXIDE | <u>12.5</u> | LANGEIER INDEX | <u>-1.43</u> |
| MANGANESE | <u>0.006</u> | IRON | <u>0.01</u> |
| ZINC | <u>0.10</u> | SODIUM | <u>16.6</u> |
| CHLORIDE | <u>10.5</u> | HYDROGEN SULFIDE | <u>0</u> |
| TURBIDITY | <u>0.17 NTU's</u> | SULFATE | <u>4.36</u> |