

**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>10-04-2019-04</u>	DATE SAMPLED :	<u>10/4/2019</u>
ANALYZED BY :	<u>M. Huk/B. Wilson</u>	DATE RECEIVED :	<u>10/4/2019</u>
COLLECTED BY :	<u>M. Huk/B. Wilson</u>	DATE REPORTED :	<u>10/6/2019</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

pH	<u>7.50 SU</u>	TOTAL PHOSPHATE	<u>0.94</u>
ALKALINITY	<u>40</u>	HETEROTROPIC PLATE COUNT	<u>0 CFU's</u>
CONDUCTIVITY	<u>134.3 μS/cm</u>	CHLORINE	<u>1.40</u>
TOTAL DISSOLVED SOLIDS	<u>67.2</u>	POTASSIUM	<u>2.4</u>
ALUMINUM	<u>0.053</u>	TONS	<u>0</u>
TOTAL HARDNESS	<u>38</u>	FLUORIDE	<u>0.53</u>
NITROGEN NITRATE	<u>1.3</u>	CALCIUM	<u>11.2</u>
NITROGEN AMMONIA	<u>0.01</u>	CALCIUM HARDNESS	<u>28</u>
COLIFORM BACTERIA	<u>0</u>	MAGNESIUM	<u>2.44</u>
TEMPERATURE	<u>24.5°C</u>	pHS	<u>9.20</u>
CARBON DIOXIDE	<u>2.5</u>	LANGELIER INDEX	<u>-1.70</u>
MANGANESE	<u>-0.010</u>	IRON	<u>0.01</u>
ZINC	<u>0.07</u>	SODIUM	<u>0</u>
CHLORIDE	<u>12.5</u>	HYDROGEN SULFIDE	<u>0</u>
TURBIDITY	<u>0.18 NTU's</u>	SULFATE	<u>16</u>