

**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>01-21-2020-01</u>	DATE SAMPLED :	<u>1/21/2020</u>
ANALYZED BY :	<u>B. Wilson/G. Puckett</u>	DATE RECEIVED :	<u>1/21/2020</u>
COLLECTED BY :	<u>B. Wilson/G. Puckett</u>	DATE REPORTED :	<u>1/23/2020</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>7.97 SU</u>	TOTAL PHOSPHATE	<u>0.85</u>
ALKALINITY	<u>29</u>	HETEROTROPHIC PLATE COUNT	<u>0 CFU's</u>
CONDUCTIVITY	<u>108.0 μs/cm</u>	CHLORINE	<u>1.52</u>
TOTAL DISSOLVED SOLIDS	<u>54.1</u>	POTASSIUM	<u>2.2</u>
ALUMINUM	<u>0.065</u>	TONS	<u>0</u>
TOTAL HARDNESS	<u>42</u>	FLUORIDE	<u>0.61</u>
NITROGEN NITRATE	<u>1.8</u>	CALCIUM	<u>9.6</u>
NITROGEN AMMONIA	<u>0.13</u>	CALCIUM HARDNESS	<u>24</u>
COLIFORM BACTERIA	<u>0</u>	MAGNESIUM	<u>4.4</u>
TEMPERATURE	<u>14.3°C</u>	pHS	<u>9.53</u>
CARBON DIOXIDE	<u>2.5</u>	LANGEIER INDEX	<u>-1.56</u>
MANGANESE	<u>0.003</u>	IRON	<u>0</u>
ZINC	<u>2.36</u>	SODIUM	<u>0</u>
CHLORIDE	<u>14.0</u>	HYDROGEN SULFIDE	<u>0</u>
TURBIDITY	<u>0.14 NTU's</u>	SULFATE	<u>0</u>