

ATHENS-CLARKE COUNTY
J.G BEACHAM WATER TREATMENT PLANT
800 WATERWORKS DRIVE
ATHENS, GEORGIA 30601
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ROUTINE TAP WATER ANALYSIS

QUARTER: FOURTH QUARTER

LABORATORY I.D. NUMBER :	<u>001</u>	SAMPLE SITE :	<u>OPERATOR'S LABORATORY</u>
REPORT NUMBER :	<u>11/04/2024-04</u>	DATE SAMPLED :	<u>11/4/2024</u>
ANALYZED BY :	<u>Y.Chapman</u>	DATE RECEIVED :	<u>11/4/2024</u>
COLLECTED BY :	<u>Y.Chapman</u>	DATE REPORTED :	<u>11/6/2024</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>7.22 SU</u>	TOTAL PHOSPHATE	<u>0.93</u>
ALKALINITY	<u>32</u>	HETEROTROPIC PLATE COUNT	<u>0 CFU's</u>
CONDUCTIVITY	<u>76.4 μS/cm</u>	CHLORINE	<u>1.38</u>
TOTAL DISSOLVED SOLIDS	<u>38.2</u>	POTASSIUM	<u>3.4</u>
ALUMINUM	<u>0.020</u>	TONS	<u>0.0</u>
TOTAL HARDNESS	<u>36</u>	FLUORIDE	<u>0.81</u>
NITROGEN NITRATE	<u>1.5</u>	CALCIUM	<u>11.2</u>
NITROGEN AMMONIA	<u>0</u>	CALCIUM HARDNESS	<u>28</u>
COLIFORM BACTERIA	<u>0</u>	MAGNESIUM	<u>1.952</u>
TEMPERATURE	<u>19.7°C</u>	pHS	<u>9.28</u>
CARBON DIOXIDE	<u>4.00</u>	LANGELIER INDEX	<u>-2.06</u>
MANGANESE	<u>0.014</u>	IRON	<u>0.04</u>
ZINC	<u>0.02</u>	SODIUM	<u>41</u>
CHLORIDE	<u>16.0</u>	HYDROGEN SULFIDE	<u>0</u>
TURBIDITY	<u>0.27 NTU's</u>	SULFATE	<u>21.0</u>