

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

QUARTER: SECOND QUARTER

LABORATORY I.D. NUMBER :	<u>001</u>	SAMPLE SITE :	<u>OPERATOR'S LABORATORY</u>
REPORT NUMBER :	<u>5/1/2024-01</u>	DATE SAMPLED :	<u>5/1/2024</u>
ANALYZED BY :	<u>Y. Chapman</u>	DATE RECEIVED :	<u>5/1/2024</u>
COLLECTED BY :	<u>Y. Chapman</u>	DATE REPORTED :	<u>5/3/2024</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>7.14 SU</u>	TOTAL PHOSPHATE	<u>1.24</u>
ALKALINITY	<u>30</u>	HETEROTROPIC PLATE COUNT	<u>0 CFU's</u>
CONDUCTIVITY	<u>119.0 μs/cm</u>	CHLORINE	<u>1.44</u>
TOTAL DISSOLVED SOLIDS	<u>59.5</u>	POTASSIUM	<u>2.5</u>
ALUMINUM	<u>0.008</u>	TONS	<u>0</u>
TOTAL HARDNESS	<u>27</u>	FLUORIDE	<u>0.89</u>
NITROGEN NITRATE	<u>2.2</u>	CALCIUM	<u>8.8</u>
NITROGEN AMMONIA	<u>0.07</u>	CALCIUM HARDNESS	<u>22</u>
COLIFORM BACTERIA	<u>Negative</u>	MAGNESIUM	<u>1.2</u>
TEMPERATURE	<u>20.2°C</u>	pHS	<u>9.36</u>
CARBON DIOXIDE	<u>1.76</u>	LANGELIER INDEX	<u>-2.22</u>
MANGANESE	<u>0.003</u>	IRON	<u>0.02</u>
ZINC	<u>0</u>	SODIUM	<u>26.22</u>
CHLORIDE	<u>12.5</u>	HYDROGEN SULFIDE	<u>0</u>
TURBIDITY	<u>0.08 NTU's</u>	SULFATE	<u>0</u>