

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>

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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>7.43 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>	LANGELIER 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>