

**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: SECOND QUARTER

LABORATORY I.D. NUMBER :	<u>001</u>	SAMPLE SITE :	<u>OPERATOR'S LABORATORY</u>
REPORT NUMBER :	<u>04-08-2016-02</u>	DATE SAMPLED :	<u>4/5/2016</u>
ANALYZED BY :	<u>Rafael Rivera-Mendez</u>	DATE RECEIVED :	<u>4/5/2016</u>
COLLECTED BY :	<u>Rafael Rivera-Mendez</u>	DATE REPORTED :	<u>4/8/2016</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>7.96 S.U.</u>	TOTAL PHOSPHATE	<u>0.86</u>
ALKALINITY	<u>24</u>	HETEROTROPIC PLATE COUNT	<u>0 CFU'S</u>
CONDUCTIVITY	<u>104.2 μs/cm</u>	CHLORINE	<u>1.28</u>
TOTAL DISSOLVED SOLIDS	<u>52.1</u>	POTASSIUM	<u>1.45</u>
ALUMINUM	<u>0.007</u>	TONS	<u>0</u>
TOTAL HARDNESS	<u>38</u>	FLUORIDE	<u>0.92</u>
NITROGEN NITRATE	<u>1.9</u>	CALCIUM	<u>23</u>
NITROGEN AMMONIA	<u>0.01</u>	CALCIUM HARDNESS	<u>35</u>
COLIFORM BACTERIA	<u>0</u>	MAGNESIUM	<u>0.73</u>
TEMPERATURE	<u>18°C</u>	pHS	<u>9.30</u>
CARBON DIOXIDE	<u>3.52</u>	LANGEIER INDEX	<u>-1.34</u>
MANGANESE	<u>0.004</u>	IRON	<u>0.02</u>
ZINC	<u>0.05</u>	SODIUM	<u>19.3</u>
CHLORIDE	<u>14.2</u>	HYDROGEN SULFIDE	<u>0</u>
TURBIDITY	<u>0.14 NTU's</u>	SULFATE	<u>1.20</u>